ACCESS DB # 171608

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Scientific and Technical Information Center

SEARCH REQUEST FORM

10/780296

Requester's Full Name: MARK BERCH Examiner # : 59193 Date: 11/15/05

Art Unit: 1624 Phone Number: 2- 0663 Serial Number: 04/04627

Location (Bldg/Room#): 5C01 (Mailbox #): 5C18 Results Format Preferred (circle): (PAPER) DISK

****

To ensure an efficient and quality search, please attach a copy of the cover sheet, claims, and abstract or fill out the following:

Title of Invention: _____

Inventors (please provide full names): _____

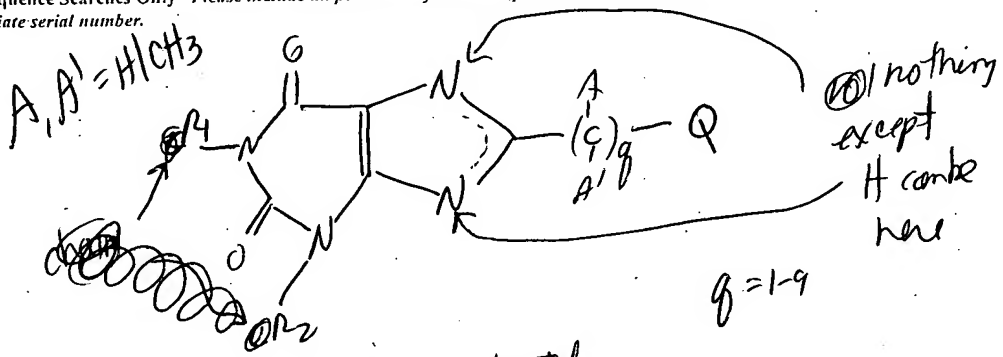
_____

Earliest Priority Date: _____

Search Topic:

Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc., if known.

For Sequence Searches Only *Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.*



Q = -[O] or Hy ← must be unsaturated

However, Q cannot have any of these substituents:

-Hal, -O, -S, N-C, -[O], Hy, Cq-C ← ring

R1, R2 = C ← chain but cannot be -(C)q- C ← C/N/S ring single C/N/S

****

STAFF USE ONLY

Searcher: _____

Searcher Phone #: _____

Searcher Location: _____

Date Searcher Picked Up: _____

Date Completed: _____

Searcher Prep & Review Time: _____

Online Time: _____

Type of Search

_____ NA Sequence (#)

_____ AA Sequence (#)

_____ Structure (#)

_____ Bibliographic

_____ Litigation

_____ Fulltext

_____ Other

Vendors and cost where applicable

_____ STN _____ Dialog

_____ Questel/Orbit _____ Lexis/Nexis

_____ Westlaw _____ WWW/Internet

____ In-house sequence systems

__ Commercial ___ Oligomer ____ Score/Length

__ Interference ___ SPDI ____ Encode/Transl

_____ Other (specify)

10780296

```
=> d his ful

     (FILE 'HOME' ENTERED AT 11:39:17 ON 05 DEC 2005)

     FILE 'REGISTRY' ENTERED AT 11:39:23 ON 05 DEC 2005
L1             STR
L2           0 SEA SSS SAM L1
L3           0 SEA SSS FUL L1
L4             STR L1
L5          45 SEA SSS SAM L4
L6         766 SEA SSS FUL L4

     FILE 'HCAPLUS' ENTERED AT 11:42:44 ON 05 DEC 2005
L7         154 SEA ABB=ON  PLU=ON  L6

     FILE 'REGISTRY' ENTERED AT 11:42:51 ON 05 DEC 2005
L8             STR L4
L9         571 SEA SUB=L6 SSS FUL L8

     FILE 'HCAPLUS' ENTERED AT 11:43:40 ON 05 DEC 2005
L10        112 SEA ABB=ON  PLU=ON  L9

     FILE 'REGISTRY' ENTERED AT 11:43:44 ON 05 DEC 2005
L11            STR L4
L12        516 SEA SUB=L6 SSS FUL L11
L13        250 SEA ABB=ON  PLU=ON  L6 NOT L12
L14        192 SEA ABB=ON  PLU=ON  L13 AND L9

     FILE 'HCAPLUS' ENTERED AT 11:47:12 ON 05 DEC 2005
L15         91 SEA ABB=ON  PLU=ON  L14

     FILE 'REGISTRY' ENTERED AT 11:48:05 ON 05 DEC 2005
L16            STR L8
L17            STR L16
L18            STR L17
L19        107 SEA SUB=L6 SSS FUL L18
               D SCA
L20        169 SEA ABB=ON  PLU=ON  L14 NOT L19

     FILE 'HCAPLUS' ENTERED AT 11:55:44 ON 05 DEC 2005
L21         91 SEA ABB=ON  PLU=ON  L20
L*** DEL     6 S L19
               D QUE STAT L21

     FILE 'REGISTRY' ENTERED AT 11:56:32 ON 05 DEC 2005


     FILE HOME

     FILE REGISTRY
     Property values tagged with IC are from the ZIC/VINITI data file
     provided by InfoChem.

     STRUCTURE FILE UPDATES:    4 DEC 2005  HIGHEST RN 869277-23-6
     DICTIONARY FILE UPDATES:   4 DEC 2005  HIGHEST RN 869277-23-6

     New CAS Information Use Policies, enter HELP USAGETERMS for details.

     TSCA INFORMATION NOW CURRENT THROUGH JULY 14, 2005
```

Please note that search-term pricing does apply when conducting SmartSELECT searches.

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*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*
****

Structure search iteration limits have been increased. See HELP SLIMITS for details.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

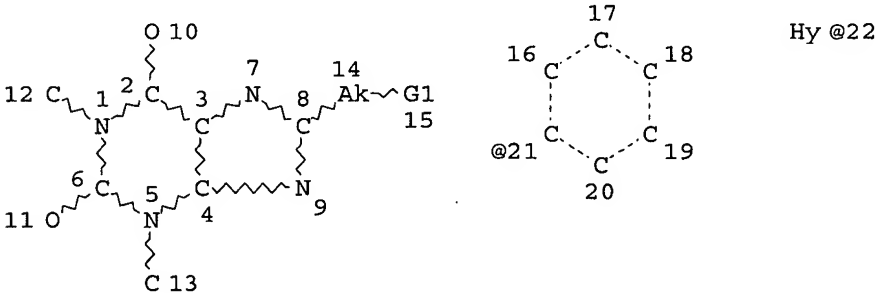
FILE HCAPLUS

FILE COVERS 1907 - 5 Dec 2005 VOL 143 ISS 24
FILE LAST UPDATED: 4 Dec 2005 (20051204/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d que stat l20
L4 STR

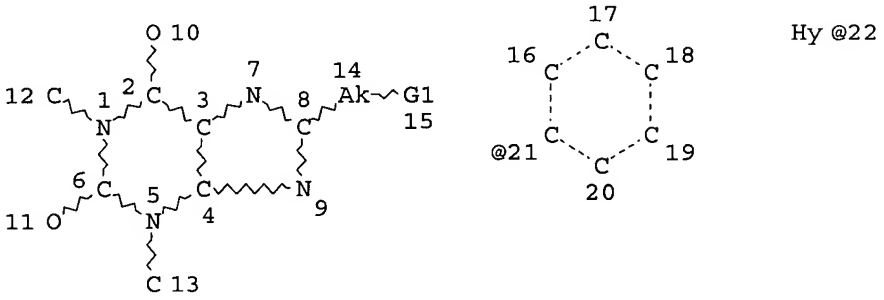


VAR G1=21/22

NODE ATTRIBUTES:
CONNECT IS E3 RC AT 2
CONNECT IS E3 RC AT 6
CONNECT IS E2 RC AT 7
CONNECT IS E2 RC AT 9
CONNECT IS E1 RC AT 10
CONNECT IS E1 RC AT 11
CONNECT IS E2 RC AT 14
DEFAULT MLEVEL IS ATOM
GGCAT IS UNS AT 22
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 22

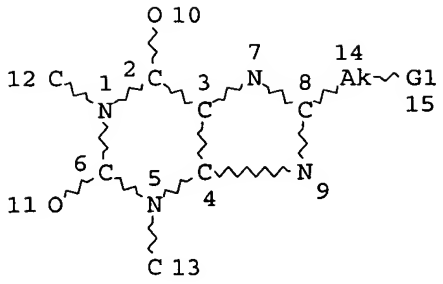
STEREO ATTRIBUTES: NONE
L6 766 SEA FILE=REGISTRY SSS FUL L4
L8 STR

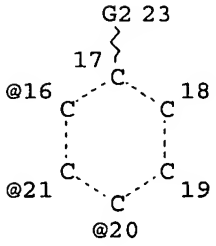


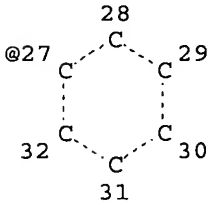
VAR G1=21/22
NODE ATTRIBUTES:
CONNECT IS E3 RC AT 2
CONNECT IS E3 RC AT 6
CONNECT IS E2 RC AT 7
CONNECT IS E2 RC AT 9
CONNECT IS E1 RC AT 10
CONNECT IS E1 RC AT 11
CONNECT IS E2 RC AT 14
DEFAULT MLEVEL IS ATOM
GGCAT IS SAT AT 14
GGCAT IS UNS AT 22
DEFAULT ECLEVEL IS LIMITED

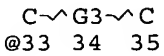
GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 22

STEREO ATTRIBUTES: NONE
L9 571 SEA FILE=REGISTRY SUB=L6 SSS FUL L8
L11 STR





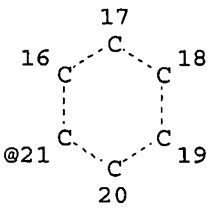




VAR G1=16/21/20/22
VAR G2=X/O/S/25/27/HY/33
REP G3=(0-8) C
NODE ATTRIBUTES:
NSPEC IS R AT 35
CONNECT IS E3 RC AT 2
CONNECT IS E3 RC AT 6
CONNECT IS E2 RC AT 7
CONNECT IS E2 RC AT 9
CONNECT IS E1 RC AT 10
CONNECT IS E1 RC AT 11
CONNECT IS E2 RC AT 14
DEFAULT MLEVEL IS ATOM
GGCAT IS UNS AT 22
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 35

STEREO ATTRIBUTES: NONE
L12 516 SEA FILE=REGISTRY SUB=L6 SSS FUL L11
L13 250 SEA FILE=REGISTRY ABB=ON PLU=ON L6 NOT L12
L14 192 SEA FILE=REGISTRY ABB=ON PLU=ON L13 AND L9
L18 STR



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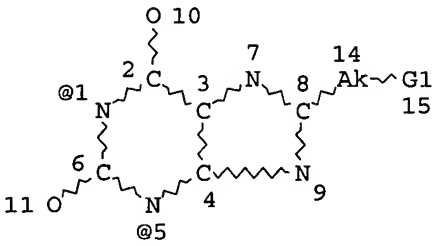

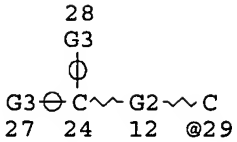

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VAR G1=21/22
REP G2=(0-8) C
VAR G3=C/N/S
VPA 29-1/5 U
NODE ATTRIBUTES:
CONNECT IS E3  RC AT   2
CONNECT IS E3  RC AT   6
CONNECT IS E2  RC AT   7
CONNECT IS E2  RC AT   9
CONNECT IS E1  RC AT  10
CONNECT IS E1  RC AT  11
CONNECT IS E2  RC AT  14
DEFAULT MLEVEL IS ATOM
GGCAT   IS SAT  AT  14
GGCAT   IS UNS  AT  22
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS  25

STEREO ATTRIBUTES: NONE
L19         107 SEA FILE=REGISTRY SUB=L6 SSS FUL L18
L20         169 SEA FILE=REGISTRY ABB=ON  PLU=ON  L14 NOT L19


=> d l20 ide ibib 1-169

L20  ANSWER 1 OF 169  REGISTRY  COPYRIGHT 2005 ACS on STN
RN   863291-11-6  REGISTRY
ED   Entered STN:  16 Sep 2005
CN   1H-Purine-2,6-dione, 1-ethyl-3,7-dihydro-8-(1-phenylethyl)-3-propyl- (9CI)
     (CA INDEX NAME)
FS   3D CONCORD
MF   C18 H22 N4 O2
SR   CA
LC   STN Files:   CA, CAPLUS
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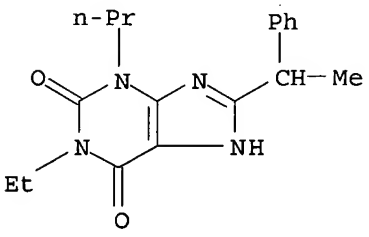


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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**

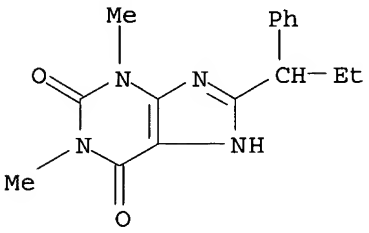
              1 REFERENCES IN FILE CA (1907 TO DATE)
              2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE  1

ACCESSION NUMBER:         143:248327  CA
TITLE:                    New pyrazolo[3,4-b]pyridones as selective A1 adenosine
```

receptor antagonists: Synthesis, biological evaluation and molecular modeling studies
AUTHOR(S): Fossa, Paola; Pestarino, Marco; Menozzi, Giulia; Mosti, Luisa; Schenone, Silvia; Ranise, Angelo; Bondavalli, Francesco; Trincavelli, M. Letizia; Lucacchini, Antonio; Martini, Claudia
CORPORATE SOURCE: Dipartimento di Scienze Farmaceutiche, Universita degli Studi di Genova, Genoa, 16132, Italy
SOURCE: Organic & Biomolecular Chemistry (2005), 3(12), 2262-2270
CODEN: OBCRAK; ISSN: 1477-0520
PUBLISHER: Royal Society of Chemistry
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 2 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 860227-07-2 REGISTRY
ED Entered STN: 15 Aug 2005
CN Theophylline, 8-α-ethylbenzyl- (6CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H18 N4 O2
SR CAS EARLY REGISTRATIONS
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

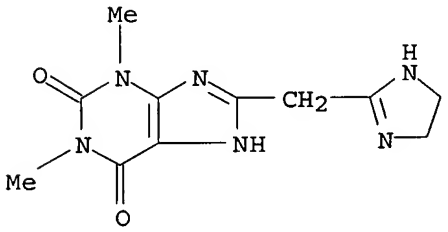
REFERENCE 1

ACCESSION NUMBER: 54:7372 CA
TITLE: Theophylline derivatives
INVENTOR(S): Leake, Norman H.; Fielden, Marvel L.
PATENT ASSIGNEE(S): S. E. Massengill Co.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2887486		19590519	US	

L20 ANSWER 3 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN

RN 857749-29-2 REGISTRY
ED Entered STN: 01 Aug 2005
CN Theophylline, 8-(2-imidazolin-2-ylmethyl)- (5CI) (CA INDEX NAME)
FS 3D CONCORD
MF C11 H14 N6 O2
SR CAS EARLY REGISTRATIONS
LC STN Files: CA, CAPLUS, TOXCENTER



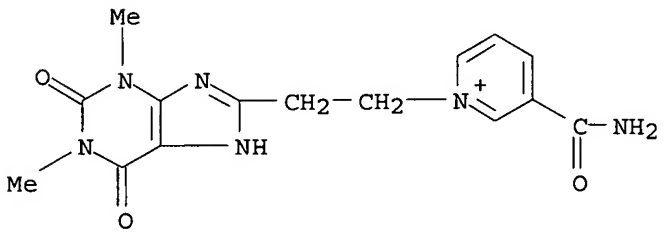
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

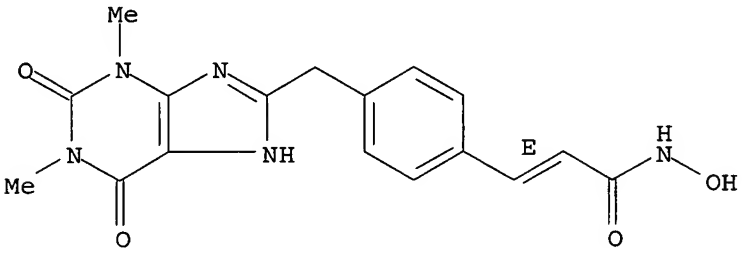
ACCESSION NUMBER: 47:58549 CA
TITLE: Theophylline derivatives. I. Analogs of 2-benzyl-2 imidazoline (Priscoline)
AUTHOR(S): Hager, George P.; Krantz, John C., Jr.; Harmon, John B.
CORPORATE SOURCE: Univ. of Maryland, Baltimore
SOURCE: Journal of the American Pharmaceutical Association (1912-1977) (1953), 42, 36-9
CODEN: JPHAA3; ISSN: 0003-0465
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L20 ANSWER 4 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 805970-77-8 REGISTRY
ED Entered STN: 30 Dec 2004
CN Pyridinium, 3-(aminocarbonyl)-1-[2-(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)ethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H17 N6 O3
CI COM
SR CA



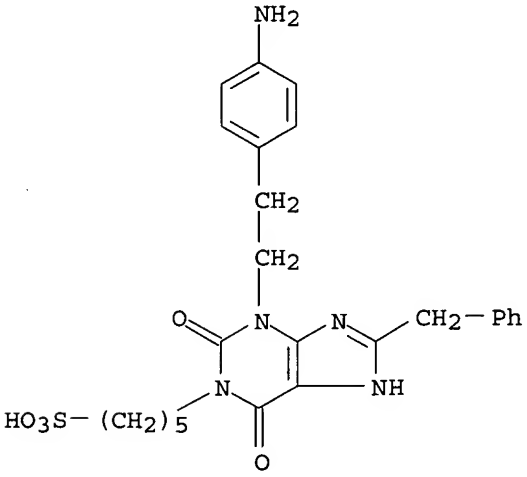
L20 ANSWER 5 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 773849-23-3 REGISTRY
ED Entered STN: 02 Nov 2004
CN 2-Propenamide, N-hydroxy-3-[4-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]phenyl]-, (2E)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C17 H17 N5 O4
CI COM
SR CA

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L20 ANSWER 6 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-14-4 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-1-pentanesulfonic acid, 3-[2-(4-aminophenyl)ethyl]-2,3,6,7-tetrahydro-2,6-dioxo-8-(phenylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H29 N5 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

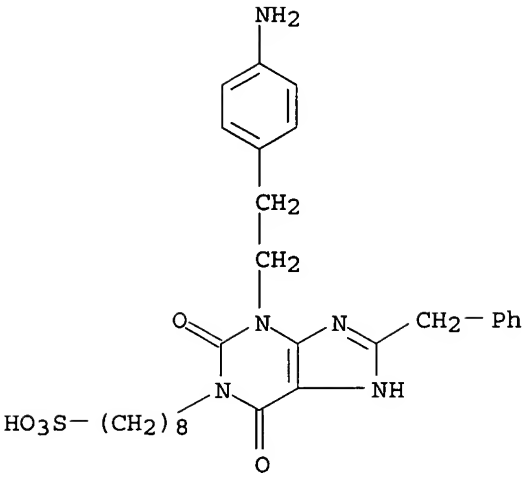
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 7 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-13-3 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-1-octanesulfonic acid, 3-[2-(4-aminophenyl)ethyl]-2,3,6,7-tetrahydro-2,6-dioxo-8-(phenylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C28 H35 N5 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

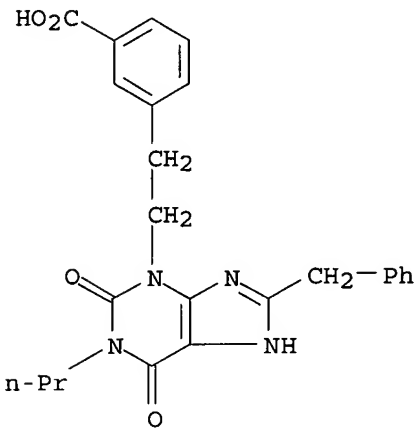
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 8 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-12-2 REGISTRY
ED Entered STN: 21 Sep 2004
CN Benzoic acid, 3-[2-[1,2,6,7-tetrahydro-2,6-dioxo-8-(phenylmethyl)-1-propyl-3H-purin-3-yl]ethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H24 N4 O4
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		

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RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,

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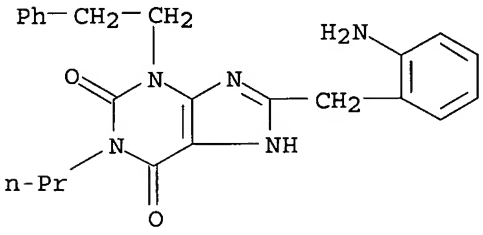
MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG

CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 9 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-11-1 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-2,6-dione, 8-[(2-aminophenyl)methyl]-3,7-dihydro-3-(2-phenylethyl)-1-propyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H25 N5 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		

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CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES,
ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN,
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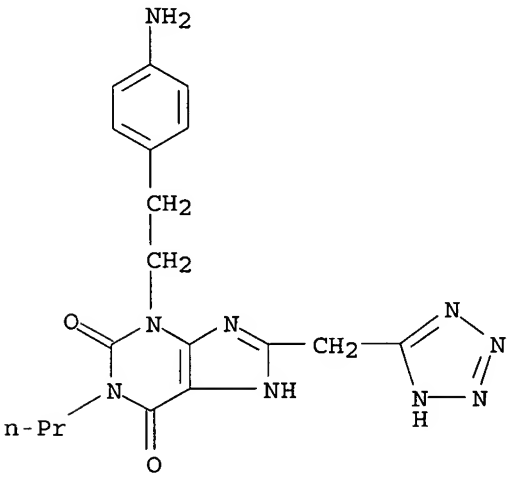
LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX,

MZ, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 10 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-09-7 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-2,6-dione, 3-[2-(4-aminophenyl)ethyl]-3,7-dihydro-1-propyl-8-(1H-tetrazol-5-ylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H21 N9 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	141:225207 CA
TITLE:	A1 adenosine receptor antagonists
INVENTOR(S):	Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S):	Endacea Inc., USA
SOURCE:	PCT Int. Appl., 41 pp.
	CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

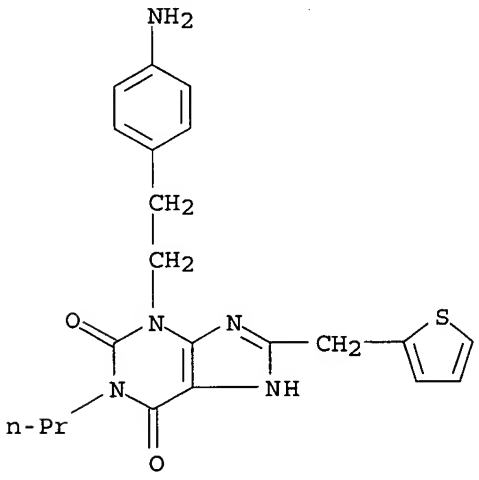
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		

W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 11 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-08-6 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-2,6-dione, 3-[2-(4-aminophenyl)ethyl]-3,7-dihydro-1-propyl-8-(2-thienylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C21 H23 N5 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

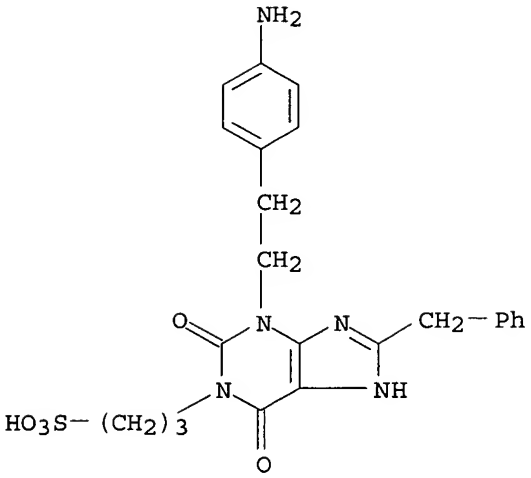
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		

W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 12 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-06-4 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-1-propanesulfonic acid, 3-[2-(4-aminophenyl)ethyl]-2,3,6,7-tetrahydro-2,6-dioxo-8-(phenylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H25 N5 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

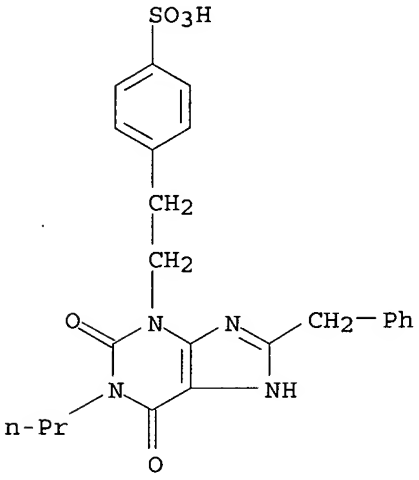
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 13 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-05-3 REGISTRY
ED Entered STN: 21 Sep 2004
CN Benzenesulfonic acid, 4-[2-[1,2,6,7-tetrahydro-2,6-dioxo-8-(phenylmethyl)-1-propyl-3H-purin-3-yl]ethyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H24 N4 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		

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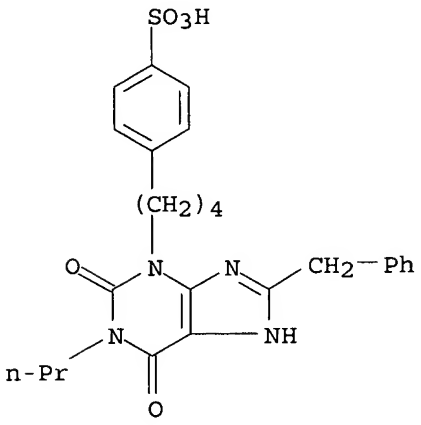
MZ, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 14 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-04-2 REGISTRY
ED Entered STN: 21 Sep 2004
CN Benzenesulfonic acid, 4-[4-[1,2,6,7-tetrahydro-2,6-dioxo-8-(phenylmethyl)-1-propyl-3H-purin-3-yl]butyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H28 N4 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		
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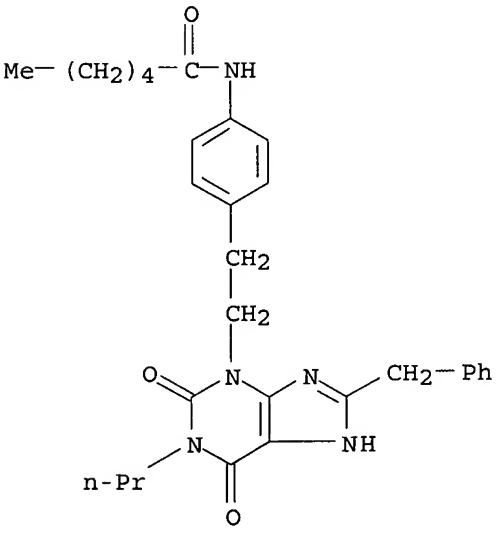
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 15 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-03-1 REGISTRY
ED Entered STN: 21 Sep 2004
CN Hexanamide, N-[4-[2-[1,2,6,7-tetrahydro-2,6-dioxo-8-(phenylmethyl)-1-propyl-3H-purin-3-yl]ethyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H35 N5 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
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WO 2004074247	A3	20050602		

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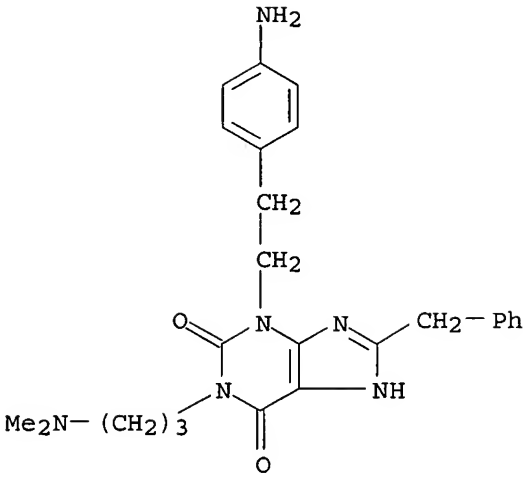
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 16 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-02-0 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-2,6-dione, 3-[2-(4-aminophenyl)ethyl]-1-[3-(dimethylamino)propyl]-3,7-dihydro-8-(phenylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H30 N6 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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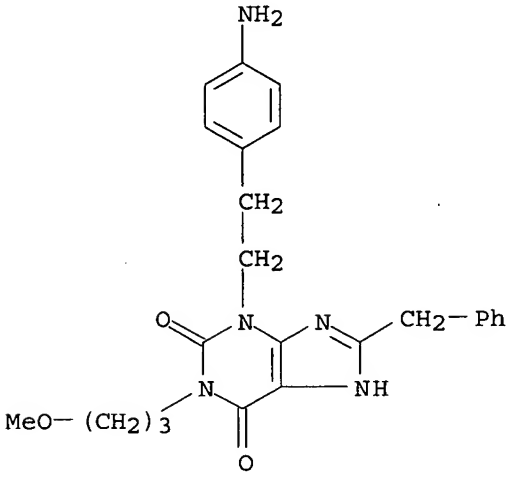
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 17 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748795-01-9 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-2,6-dione, 3-[2-(4-aminophenyl)ethyl]-3,7-dihydro-1-(3-methoxypropyl)-8-(phenylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H27 N5 O3
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		

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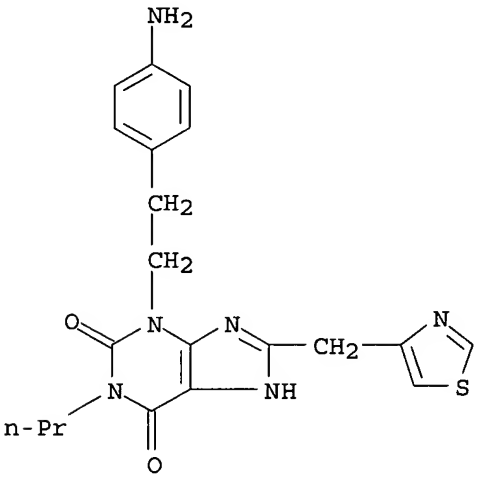
MZ, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 18 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748794-99-2 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-2,6-dione, 3-[2-(4-aminophenyl)ethyl]-3,7-dihydro-1-propyl-8-(4-thiazolylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C20 H22 N6 O2 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	141:225207 CA
TITLE:	A1 adenosine receptor antagonists
INVENTOR(S):	Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S):	Endacea Inc., USA
SOURCE:	PCT Int. Appl., 41 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		
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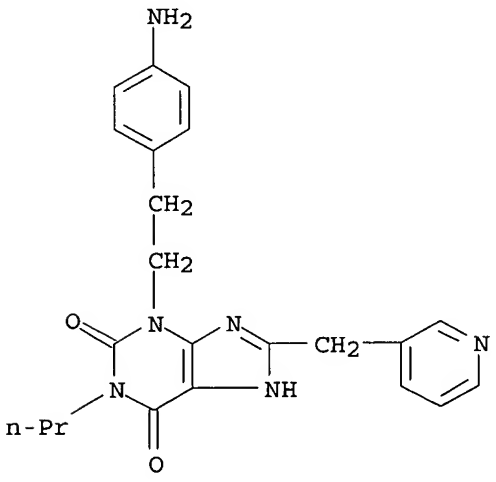
RW:	BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG		
CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 19 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748794-98-1 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-2,6-dione, 3-[2-(4-aminophenyl)ethyl]-3,7-dihydro-1-propyl-8-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C22 H24 N6 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

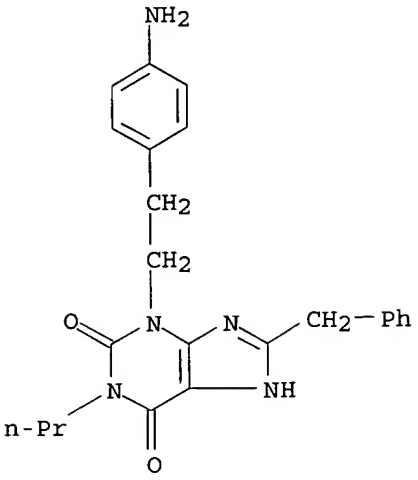
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 20 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748794-97-0 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-2,6-dione, 3-[2-(4-aminophenyl)ethyl]-3,7-dihydro-8-(phenylmethyl)-1-propyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H25 N5 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

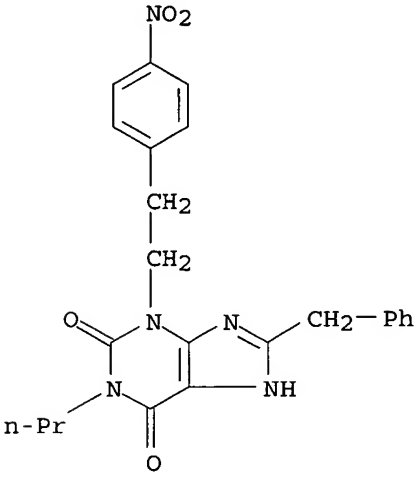
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 21 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748794-94-7 REGISTRY
ED Entered STN: 21 Sep 2004
CN 1H-Purine-2,6-dione, 3,7-dihydro-3-[2-(4-nitrophenyl)ethyl]-8-(phenylmethyl)-1-propyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H23 N5 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 142:197759 CA
TITLE: Preparation of xanthine derivatives for use in pharmaceutical compositions as A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea, Inc., USA
SOURCE: PCT Int. Appl., 69 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2005009343	A2	20050203	WO 2004-US18044	20040604
WO 2005009343	A3	20050512		

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SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE,
SN, TD, TG

US 2005187226 A1 20050825 US 2004-861677 20040604
PRIORITY APPLN. INFO.: US 2003-476684P 20030606

REFERENCE 2

ACCESSION NUMBER: 142:56315 CA
TITLE: Preparation of A1 adenosine receptor antagonists as diagnostic agents or the treatment of related diseases
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea, Inc., USA
SOURCE: PCT Int. Appl., 45 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004110379	A2	20041223	WO 2004-US18171	20040607
WO 2004110379	A3	20050324		

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NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY,
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SN, TD, TG

PRIORITY APPLN. INFO.: US 2003-476967P 20030609

REFERENCE 3

ACCESSION NUMBER: 141:225207 CA
TITLE: A1 adenosine receptor antagonists
INVENTOR(S): Wilson, Constance N.; Partridge, John J.
PATENT ASSIGNEE(S): Endacea Inc., USA
SOURCE: PCT Int. Appl., 41 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074247	A2	20040902	WO 2004-US4627	20040217
WO 2004074247	A3	20050602		

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CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES,
ES, FI, FI, GB, GD, GE, GE, GH, GM, HR, HR, HU, HU, ID, IL, IN,
IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, KZ, LC,
LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX,
MZ, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,
MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
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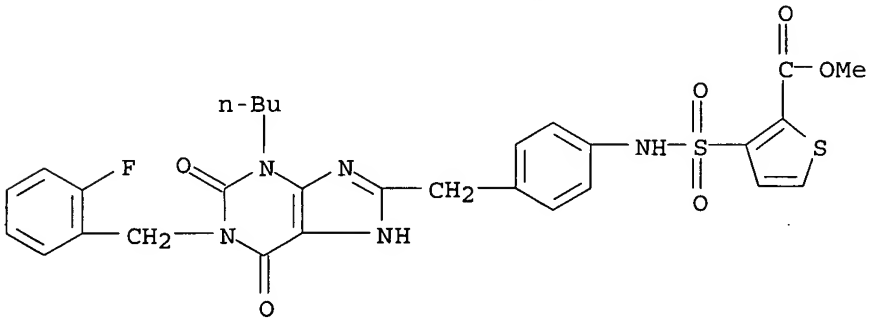
GQ, GW, ML, MR, NE, SN, TD, TG

CA 2516250	AA	20040902	CA 2004-2516250	20040217
US 2005119258	A1	20050602	US 2004-780296	20040217
PRIORITY APPLN. INFO.:			US 2003-448212P	20030219
			WO 2004-US4627	20040217

L20 ANSWER 22 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-80-3 REGISTRY
ED Entered STN: 20 Sep 2004
CN 2-Thiophenecarboxylic acid, 3-[[[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]amino]sulfonyl]-, methyl ester (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H28 F N5 O6 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	141:225208 CA
TITLE:	Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S):	Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S):	F. Hoffmann-La Roche A.-G., Switz.
SOURCE:	PCT Int. Appl., 124 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
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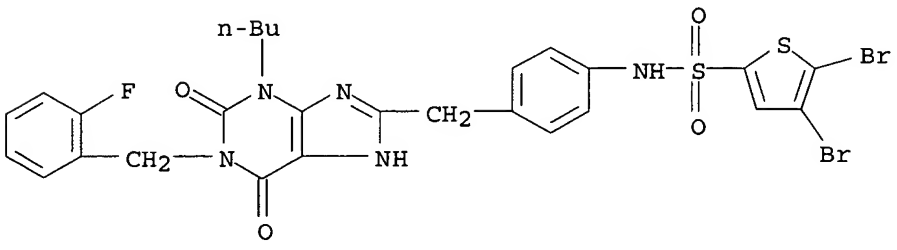
PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 23 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-78-9 REGISTRY
ED Entered STN: 20 Sep 2004
CN 2-Thiophenesulfonamide, 4,5-dibromo-N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H24 Br2 F N5 O4 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

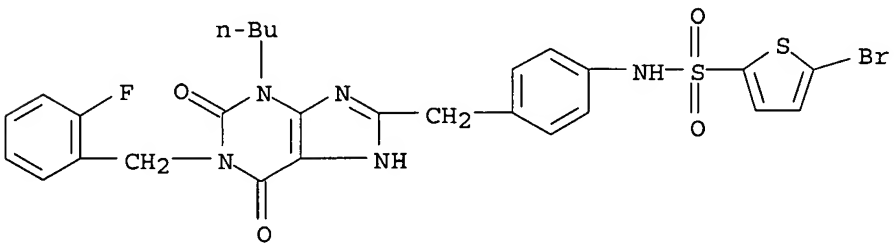
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 24 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-76-7 REGISTRY
ED Entered STN: 20 Sep 2004
CN 2-Thiophenesulfonamide, 5-bromo-N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H25 Br F N5 O4 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

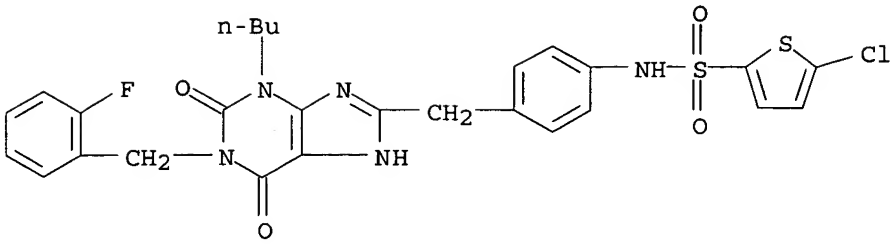
REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 25 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-75-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN 2-Thiophenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-5-chloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H25 Cl F N5 O4 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

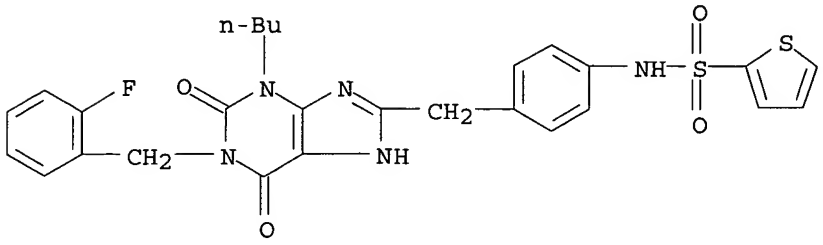
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 26 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-74-5 REGISTRY
ED Entered STN: 20 Sep 2004

CN 2-Thiophenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H26 F N5 O4 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

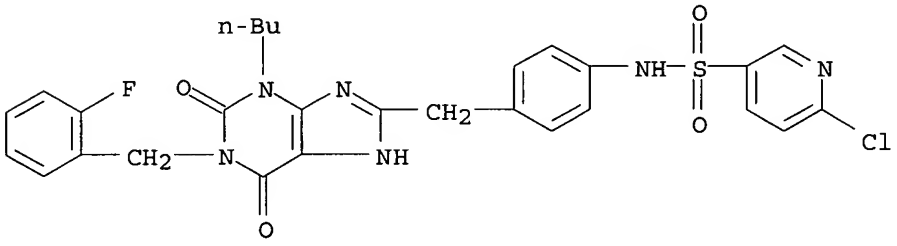
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			US 2003-448562P	20030219
			US 2003-448652P	20030219

US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 27 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-73-4 REGISTRY
ED Entered STN: 20 Sep 2004
CN 3-Pyridinesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-6-chloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C28 H26 Cl F N6 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,

MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

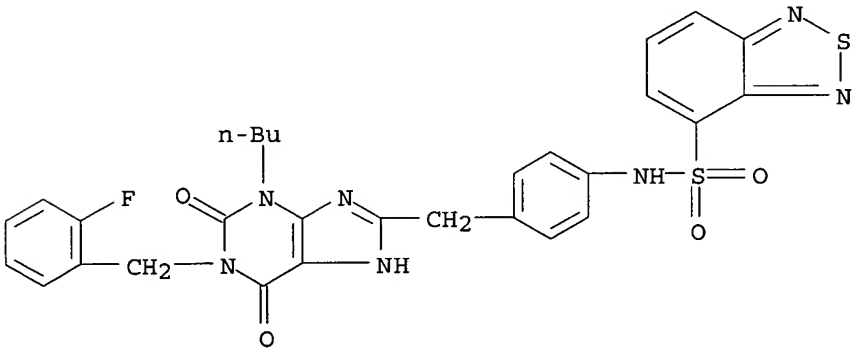
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 28 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-72-3 REGISTRY
ED Entered STN: 20 Sep 2004
CN 2,1,3-Benzothiadiazole-4-sulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 F N7 O4 S2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

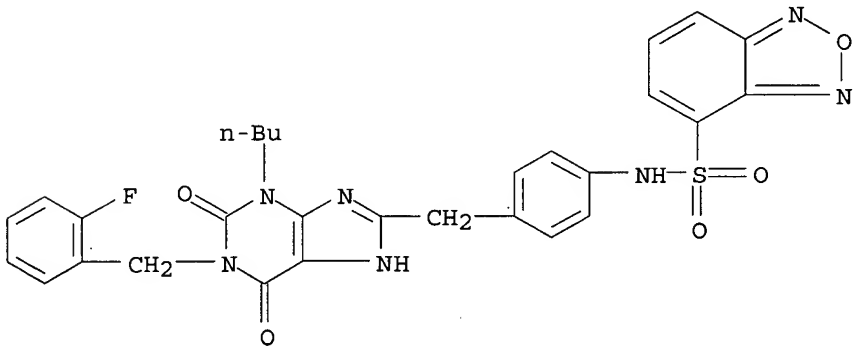
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 29 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-70-1 REGISTRY
ED Entered STN: 20 Sep 2004
CN 2,1,3-Benzoxadiazole-4-sulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 F N7 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

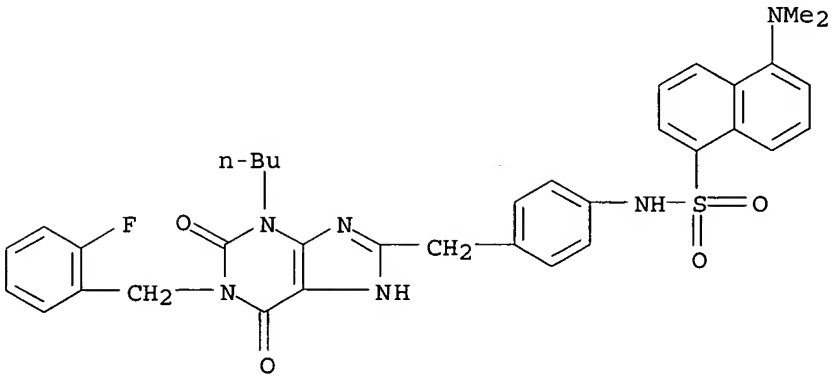
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 30 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-69-8 REGISTRY
ED Entered STN: 20 Sep 2004
CN 1-Naphthalenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-5-(dimethylamino)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C35 H35 F N6 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

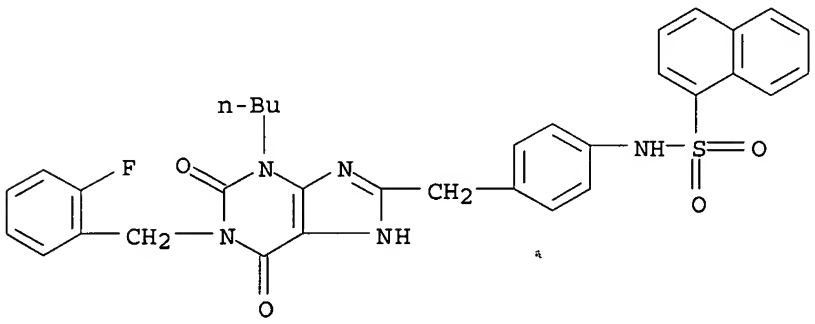
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 31 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-68-7 REGISTRY
ED Entered STN: 20 Sep 2004
CN 1-Naphthalenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C33 H30 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

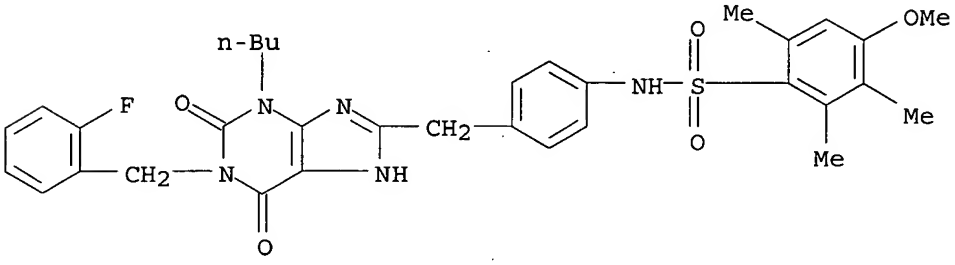
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 32 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-67-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-methoxy-2,3,6-trimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C33 H36 F N5 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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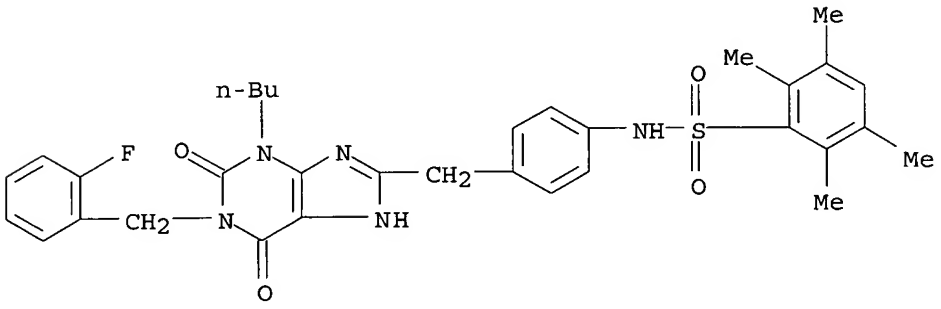
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 2004074288 A1 20040902 WO 2004-EP1289 20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
US 2004192708 A1 20040930 US 2004-776697 20040211
CA 2514472 AA 20040902 CA 2004-2514472 20040212
EP 1599477 A1 20051130 EP 2004-710346 20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 33 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-66-5 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,3,5,6-tetramethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C33 H36 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten,

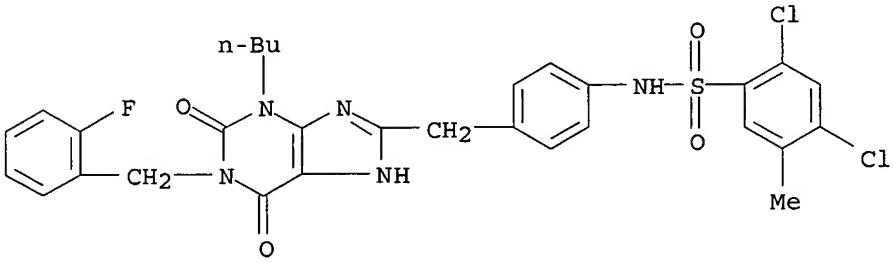
Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 34 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-65-4 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,4-dichloro-5-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H28 Cl2 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
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EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 35 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-63-2 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,4-dichloro-6-methyl- (9CI) (CA INDEX NAME)
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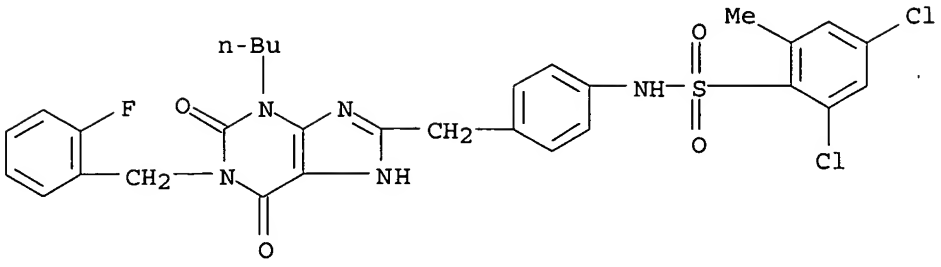
MF C30 H28 Cl2 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
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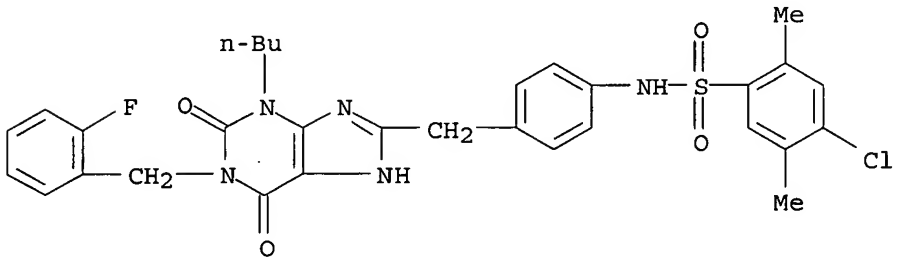
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 36 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-61-0 REGISTRY
ED Entered STN: 20 Sep 2004

CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-chloro-2,5-dimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C31 H31 Cl F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
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INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
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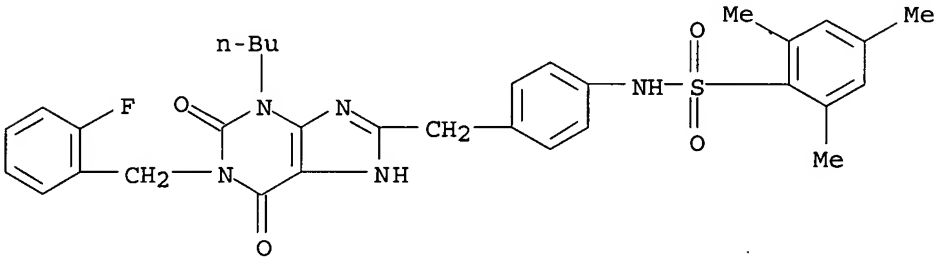
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			US 2003-448562P	20030219

US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 37 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-60-9 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,4,6-trimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C32 H34 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,

BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

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CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 38 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-59-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3,4-difluoro- (9CI) (CA INDEX NAME)
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MF C29 H26 F3 N5 O4 S
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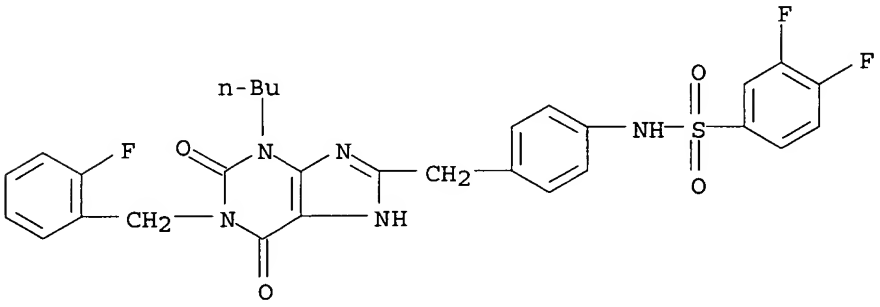
LC STN Files: CA, CAPLUS, USPATFULL



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INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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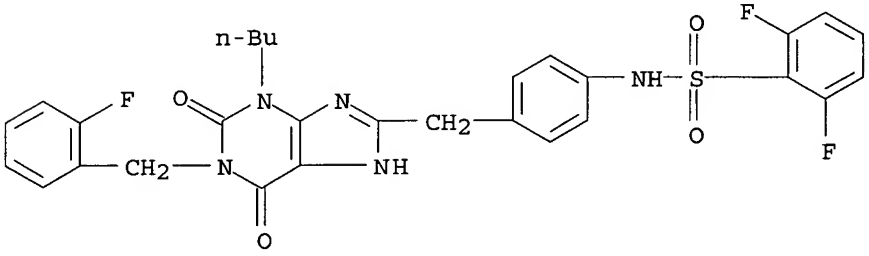
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 39 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-58-5 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,6-difluoro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 F3 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine

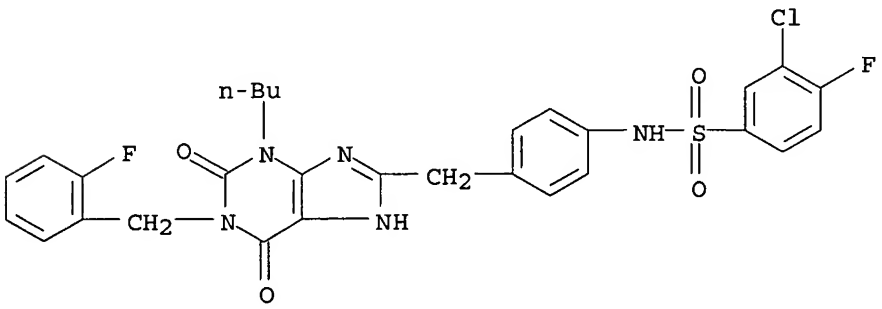
derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 40 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-56-3 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3-chloro-4-fluoro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 Cl F2 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

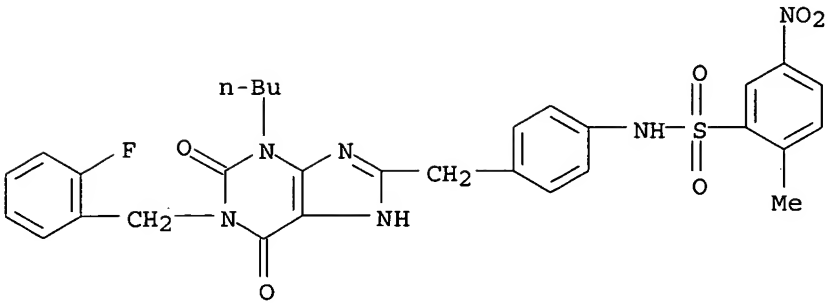
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 41 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-54-1 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2-methyl-5-nitro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H29 F N6 O6 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

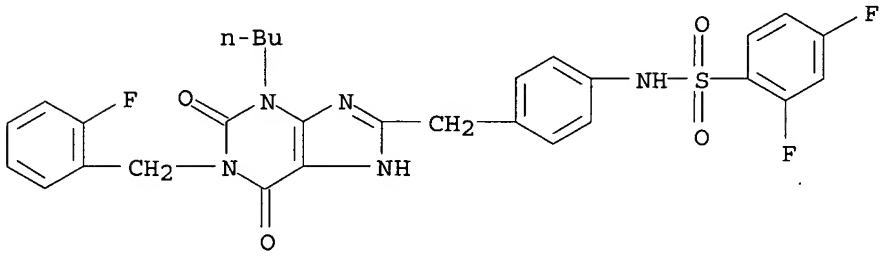
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 42 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN

RN 748148-52-9 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,4-difluoro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 F3 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

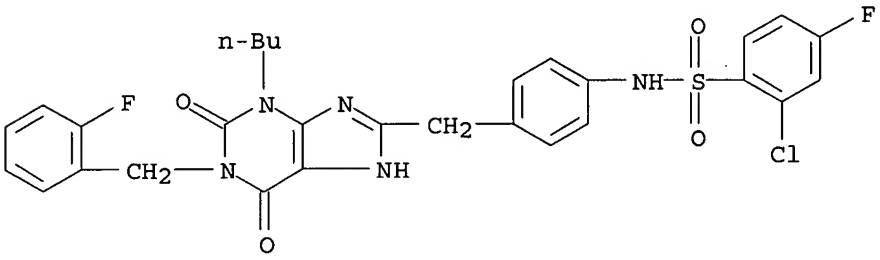
REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 43 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-51-8 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2-chloro-4-fluoro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 Cl F2 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

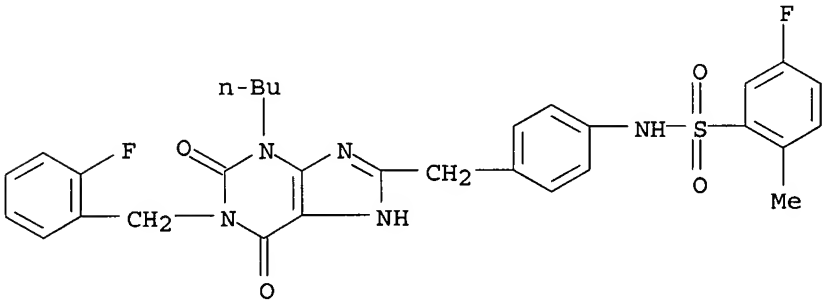
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:	US 2003-448562P	20030219
	US 2003-448652P	20030219
	US 2004-536561P	20040115
	WO 2004-EP1289	20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 44 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-50-7 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-5-fluoro-2-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H29 F2 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	141:225208 CA
TITLE:	Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S):	Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S):	F. Hoffmann-La Roche A.-G., Switz.
SOURCE:	PCT Int. Appl., 124 pp. CODEN: PIXXD2

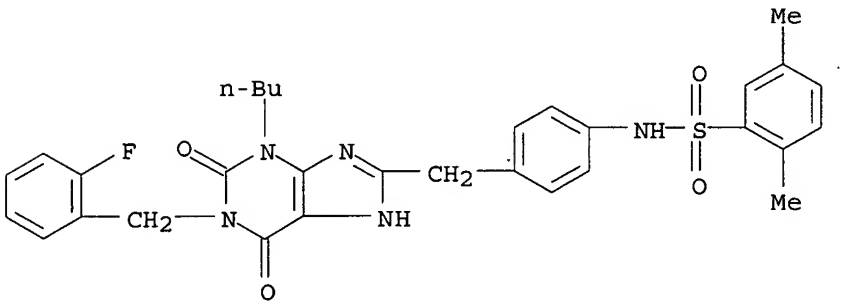
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 45 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-48-3 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,5-dimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C31 H32 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

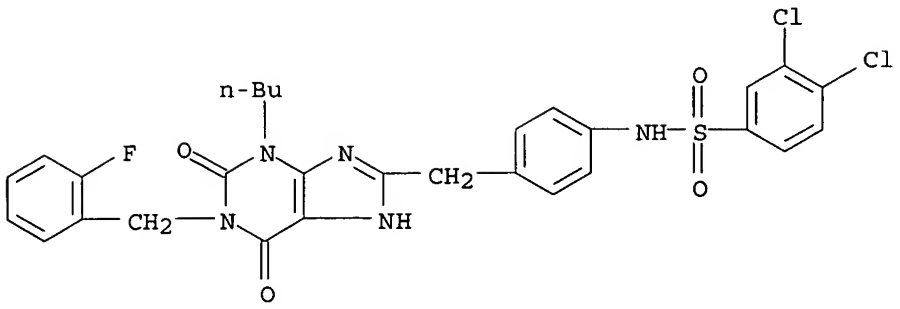
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 46 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-47-2 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3,4-dichloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 Cl2 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

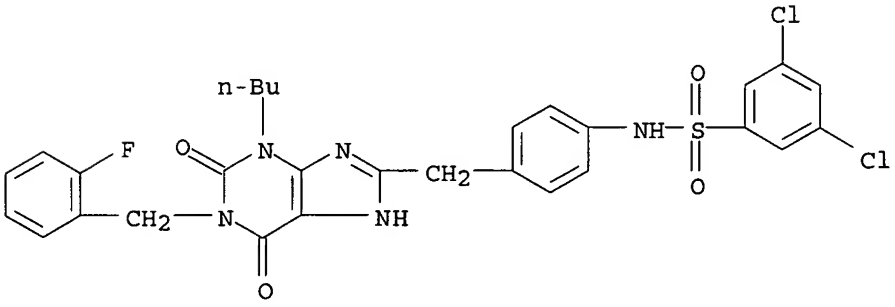
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 47 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN

RN 748148-46-1 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3,5-dichloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 Cl2 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

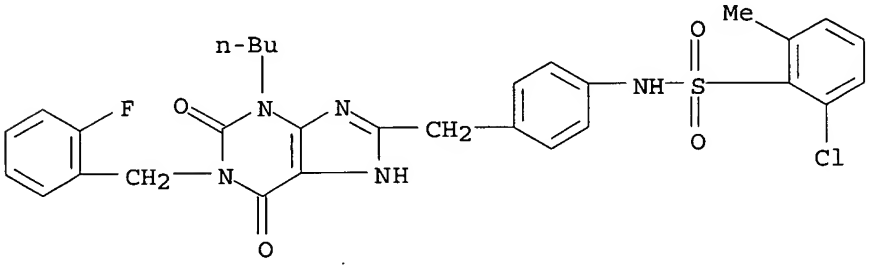
REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212

EP 1599477 A1 20051130 EP 2004-710346 20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 48 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-44-9 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2-chloro-6-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H29 Cl F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH,

CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

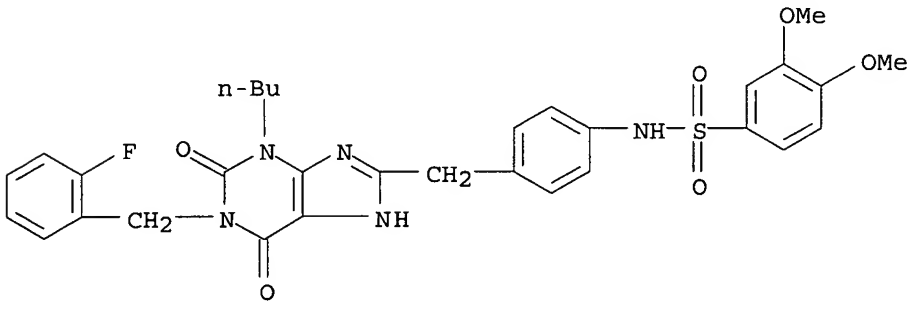
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 49 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-42-7 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3,4-dimethoxy- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C31 H32 F N5 O6 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.

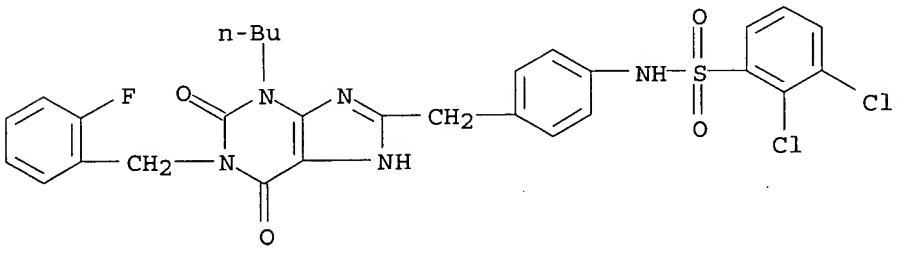
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 50 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-41-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,3-dichloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 Cl2 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

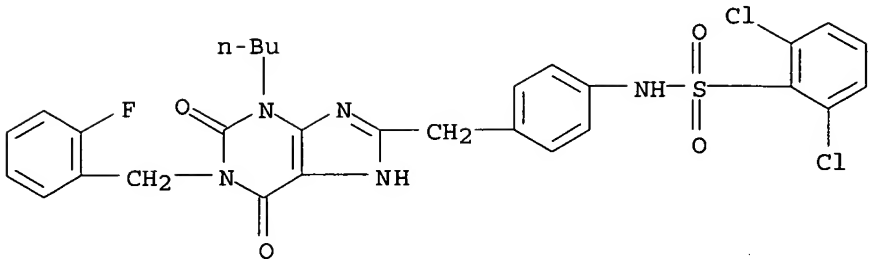
REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 51 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-39-2 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,6-dichloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 Cl2 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

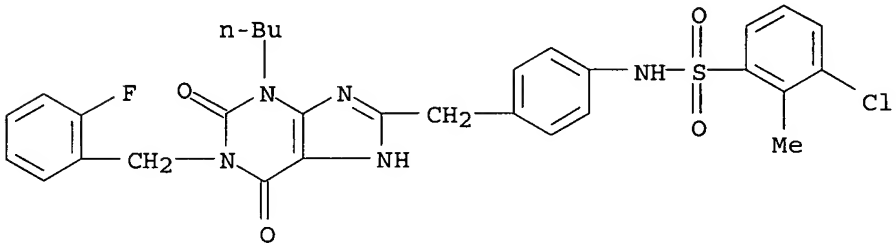
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 52 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-37-0 REGISTRY
ED Entered STN: 20 Sep 2004

CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3-chloro-2-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H29 Cl F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

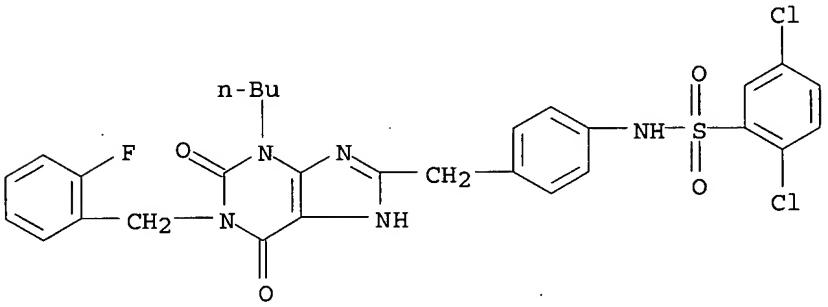
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			US 2003-448562P	20030219

US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 53 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-35-8 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,5-dichloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 Cl2 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

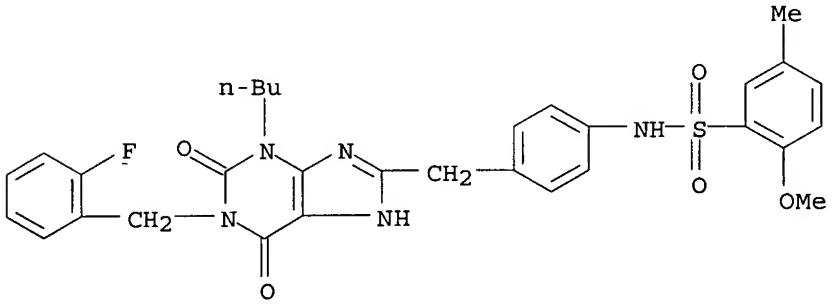
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 54 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-33-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2-methoxy-5-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C31 H32 F N5 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2

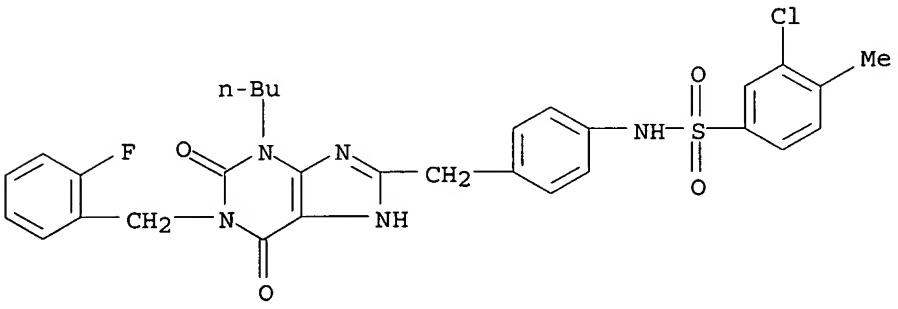
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 55 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-31-4 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3-chloro-4-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H29 Cl F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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ACCESSION NUMBER: 141:225208 CA
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INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
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US 2004192708	A1	20040930	US 2004-776697	20040211
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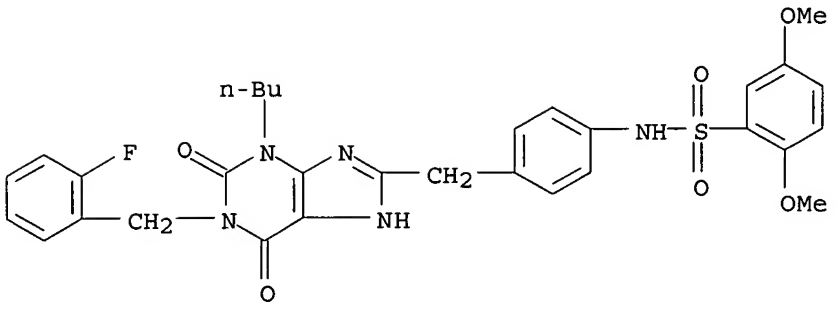
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 56 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-29-0 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,5-dimethoxy- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C31 H32 F N5 O6 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
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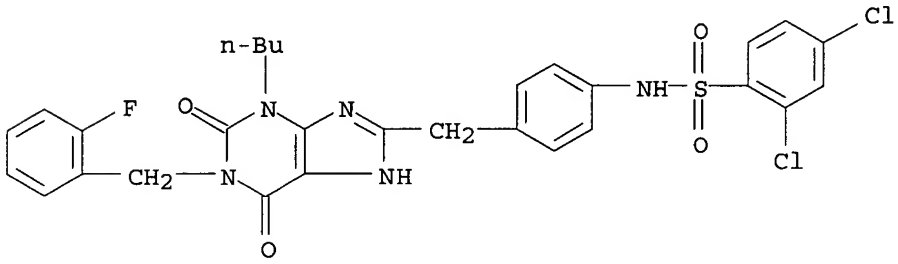
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 57 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN

RN 748148-27-8 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2,4-dichloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H26 Cl2 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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ACCESSION NUMBER: 141:225208 CA
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INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
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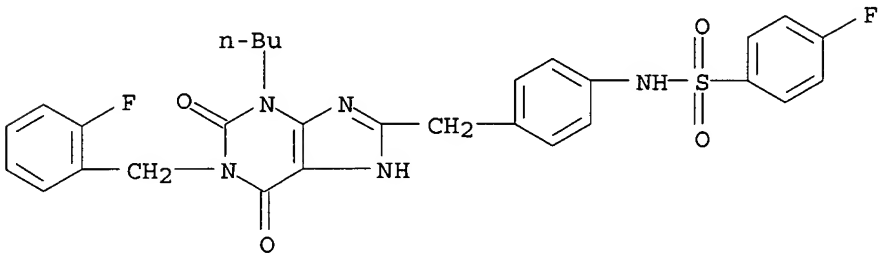
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 58 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-25-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-fluoro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H27 F2 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,

LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

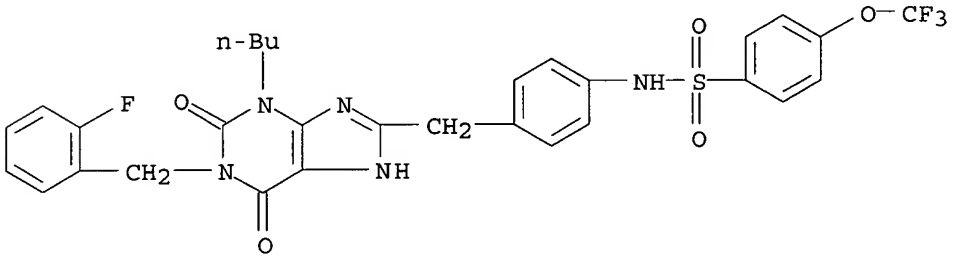
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 59 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-23-4 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-(trifluoromethoxy)-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H27 F4 N5 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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ACCESSION NUMBER: 141:225208 CA
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INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
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US 2004192708	A1	20040930	US 2004-776697	20040211
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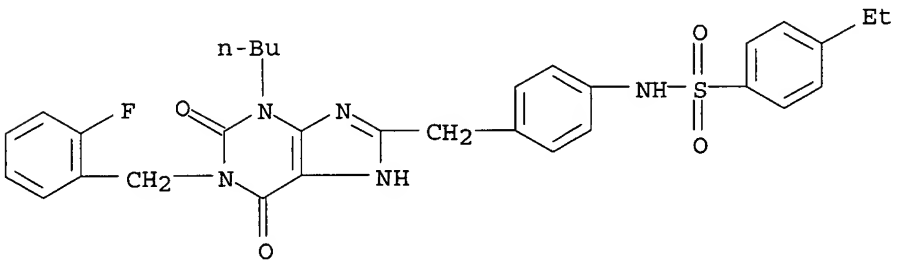
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 60 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-21-2 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-ethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C31 H32 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
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PRIORITY APPLN. INFO.: US 2003-448562P 20030219
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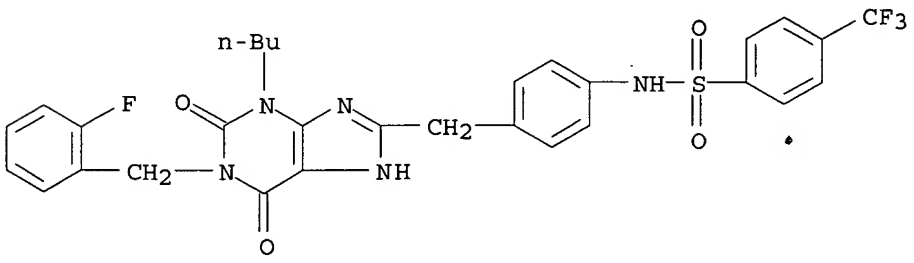
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 61 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-19-8 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-(trifluoromethyl)-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H27 F4 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
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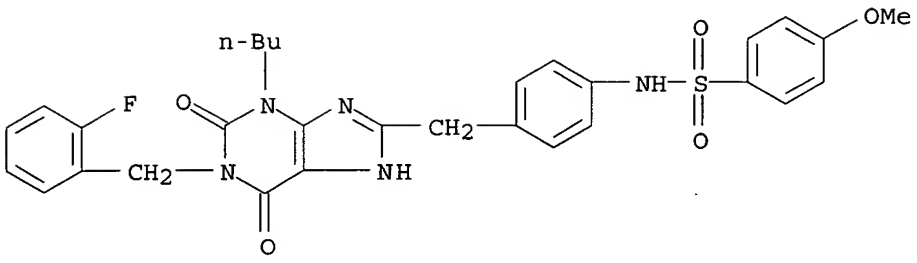
PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 62 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-17-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-methoxy- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H30 F N5 O5 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

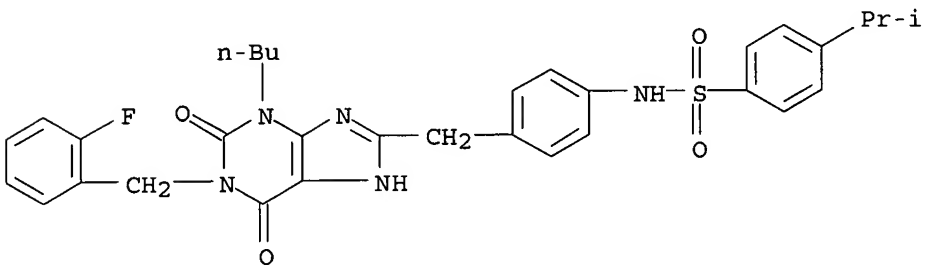
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 63 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-15-4 REGISTRY
ED Entered STN: 20 Sep 2004

CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-(1-methylethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C32 H34 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
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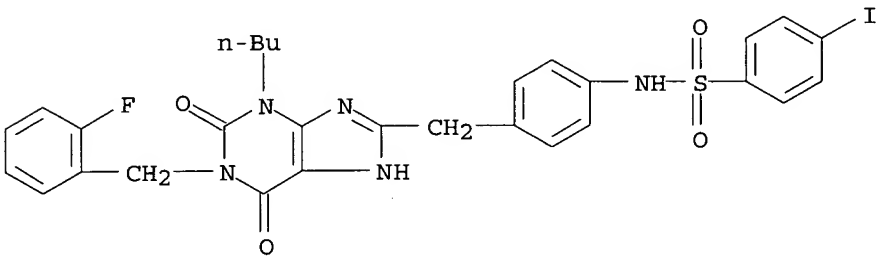
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			US 2003-448562P	20030219

US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 64 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-13-2 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-iodo- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H27 F I N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,

BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

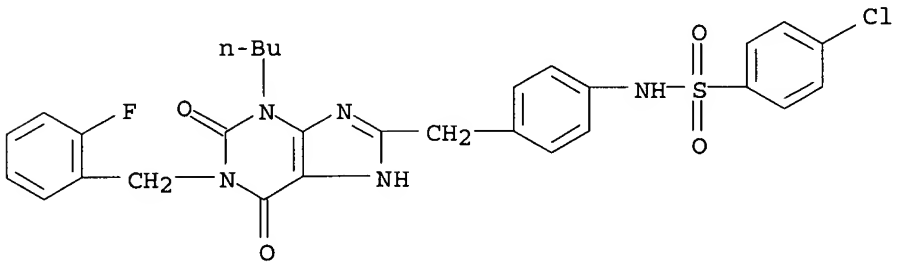
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:	US 2003-448562P	20030219
	US 2003-448652P	20030219
	US 2004-536561P	20040115
	WO 2004-EP1289	20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 65 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-11-0 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-chloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H27 Cl F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

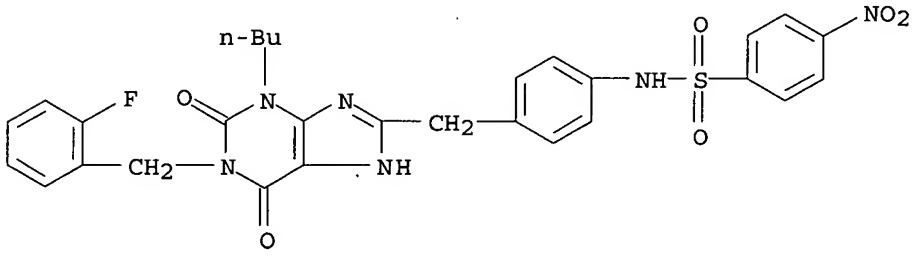
ACCESSION NUMBER:	141:225208 CA
TITLE:	Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S):	Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S):	F. Hoffmann-La Roche A.-G., Switz.
SOURCE:	PCT Int. Appl., 124 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 66 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-09-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-4-nitro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H27 F N6 O6 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester;

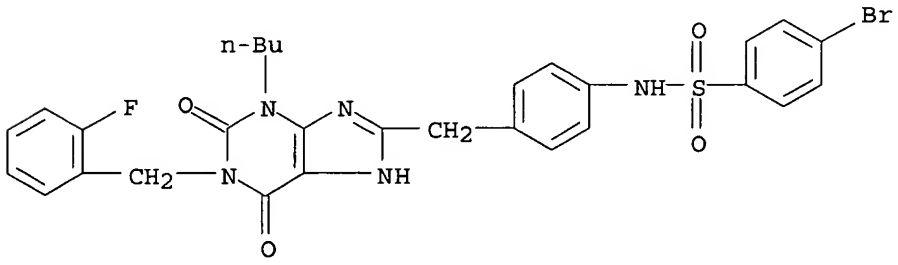
Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 67 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-06-3 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, 4-bromo-N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H27 Br F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

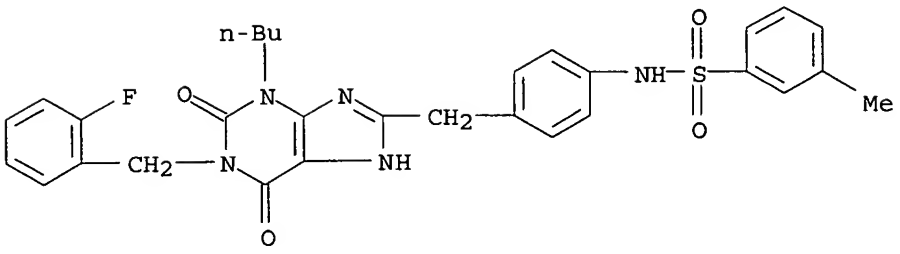
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent.
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 68 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-04-1 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H30 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

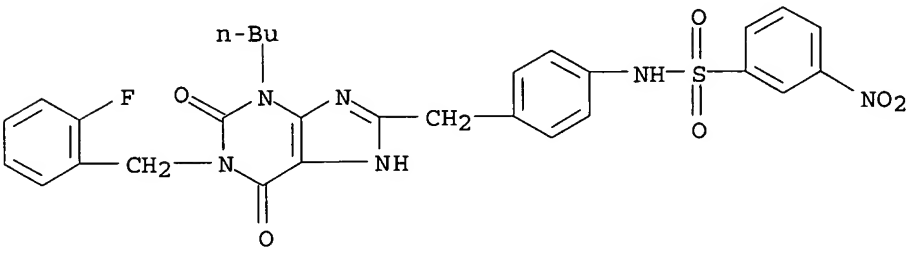
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 69 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-02-9 REGISTRY
ED Entered STN: 20 Sep 2004

CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3-nitro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H27 F N6 O6 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
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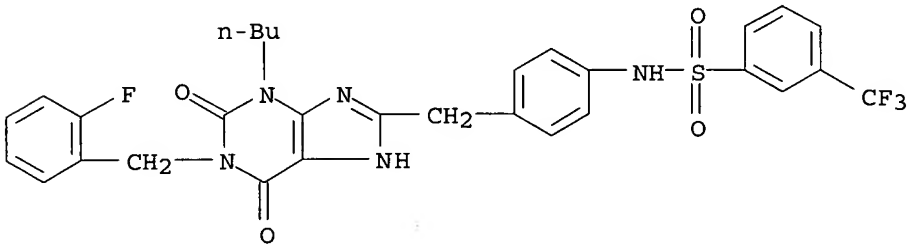
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			US 2003-448562P	20030219

US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 70 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748148-00-7 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3-(trifluoromethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H27 F4 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,

BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

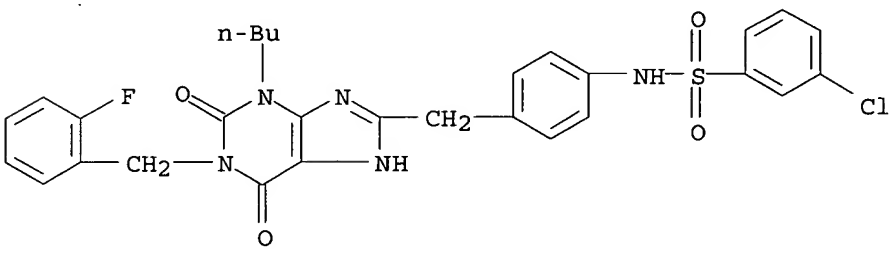
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:	US 2003-448562P	20030219
	US 2003-448652P	20030219
	US 2004-536561P	20040115
	WO 2004-EP1289	20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 71 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-98-0 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-3-chloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H27 Cl F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

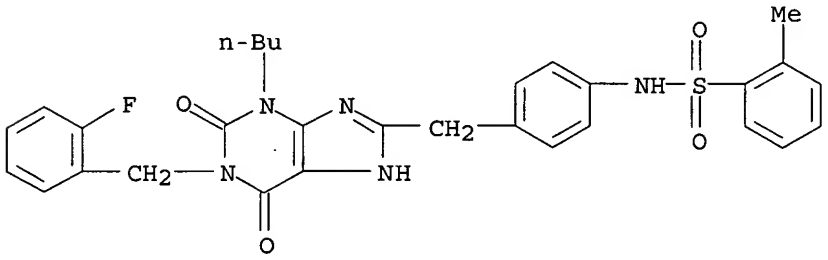
ACCESSION NUMBER:	141:225208 CA
TITLE:	Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S):	Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S):	F. Hoffmann-La Roche A.-G., Switz.
SOURCE:	PCT Int. Appl., 124 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1
PATENT INFORMATION:	

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 72 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-96-8 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H30 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester;

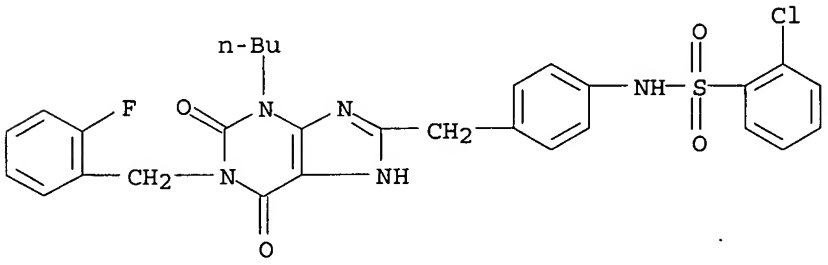
Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 73 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-94-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2-chloro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H27 Cl F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

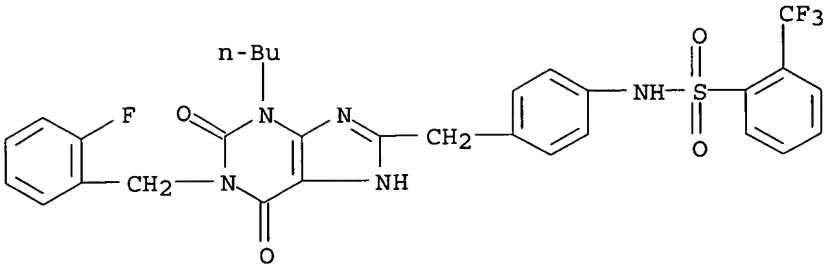
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 74 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-92-4 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2-(trifluoromethyl)-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H27 F4 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

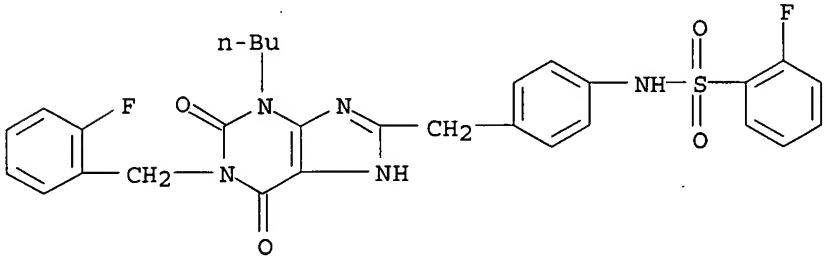
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 75 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-90-2 REGISTRY

ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2-fluoro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H27 F2 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

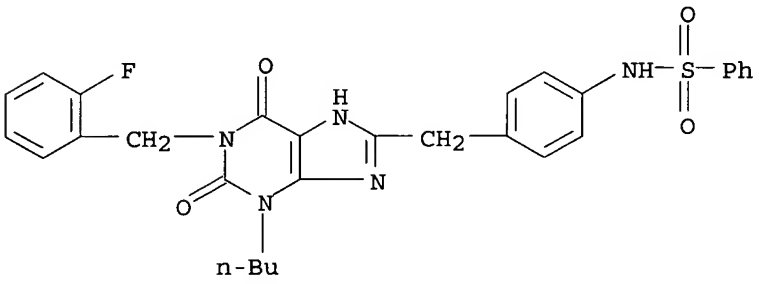
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 76 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-88-8 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C29 H28 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

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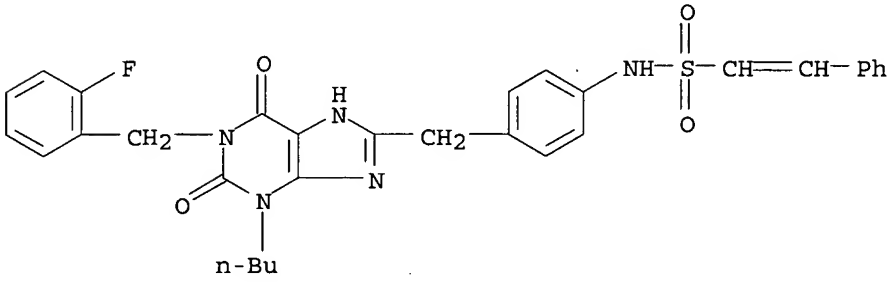
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:	US 2003-448562P	20030219
	US 2003-448652P	20030219
	US 2004-536561P	20040115
	WO 2004-EP1289	20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 77 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-86-6 REGISTRY
ED Entered STN: 20 Sep 2004
CN Ethenesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-2-phenyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C31 H30 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	141:225208 CA
TITLE:	Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S):	Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S):	F. Hoffmann-La Roche A.-G., Switz.
SOURCE:	PCT Int. Appl., 124 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English

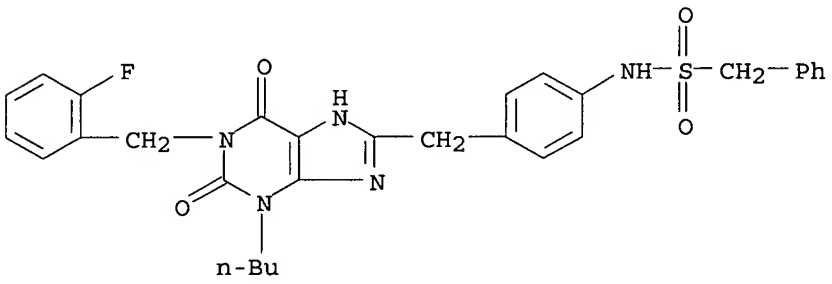
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 78 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-84-4 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenemethanesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H30 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA

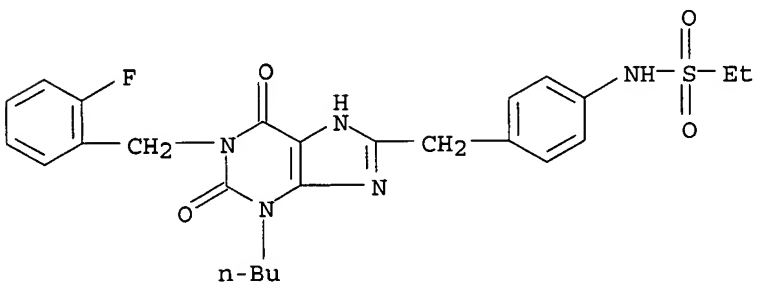
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 79 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-82-2 REGISTRY
ED Entered STN: 20 Sep 2004
CN Ethanesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C25 H28 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

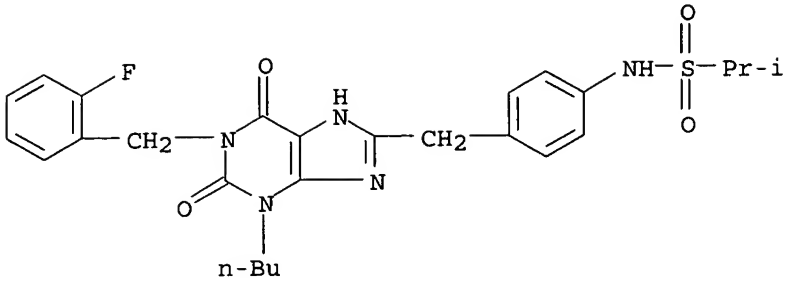
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 80 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-80-0 REGISTRY
ED Entered STN: 20 Sep 2004
CN 2-Propanesulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H30 F N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

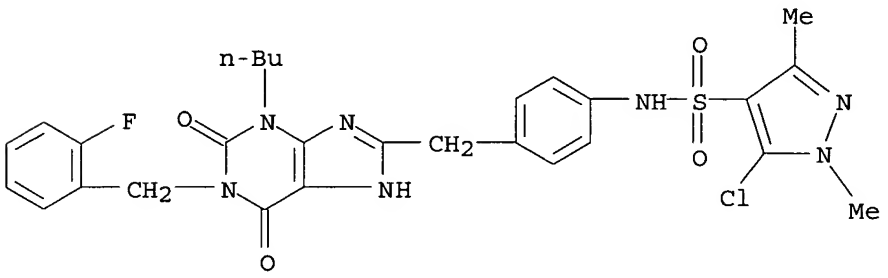
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 81 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-77-5 REGISTRY

ED Entered STN: 20 Sep 2004
CN 1H-Pyrazole-4-sulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-5-chloro-1,3-dimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C28 H29 Cl F N7 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

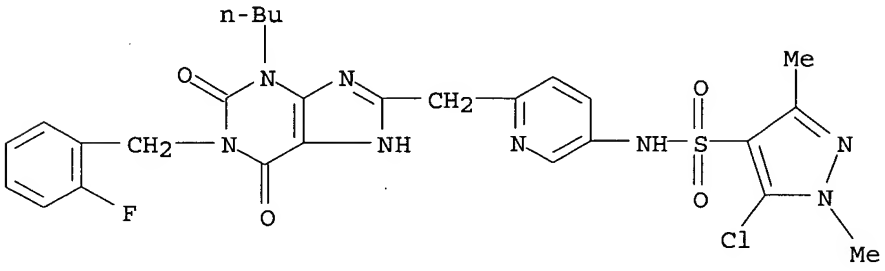
REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 82 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-59-3 REGISTRY
ED Entered STN: 20 Sep 2004
CN 1H-Pyrazole-4-sulfonamide, N-[6-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]-3-pyridinyl]-5-chloro-1,3-dimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H28 Cl F N8 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD,

GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC,
LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE,
BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU,
MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN,
GQ, GW, ML, MR, NE, SN, TD, TG

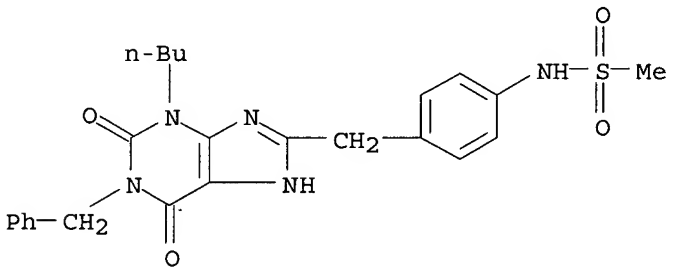
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 83 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-57-1 REGISTRY
ED Entered STN: 20 Sep 2004
CN Methanesulfonamide, N-[4-[[3-butyl-2,3,6,7-tetrahydro-2,6-dioxo-1-(phenylmethyl)-1H-purin-8-yl]methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C24 H27 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

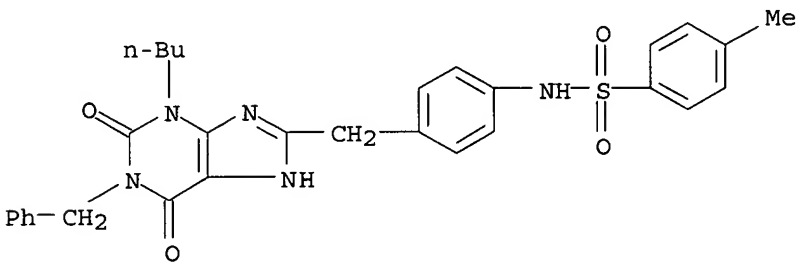
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 84 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-50-4 REGISTRY
ED Entered STN: 20 Sep 2004
CN Benzenesulfonamide, N-[4-[[3-butyl-2,3,6,7-tetrahydro-2,6-dioxo-1-(phenylmethyl)-1H-purin-8-yl]methyl]phenyl]-4-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C30 H31 N5 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA

TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 85 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-41-3 REGISTRY
ED Entered STN: 20 Sep 2004
CN 1H-Imidazole-4-sulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-1-methyl-, mono(trifluoroacetate) (9CI) (CA INDEX NAME)
MF C27 H28 F N7 O4 S . C2 H F3 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL

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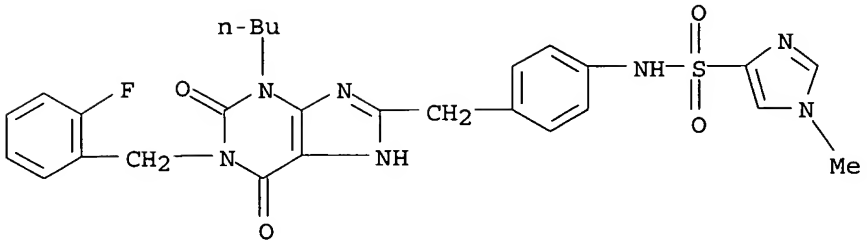
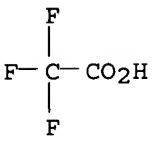
CRN 748147-40-2
CMF C27 H28 F N7 O4 S



CM 2

CRN 76-05-1
CMF C2 H F3 O2



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

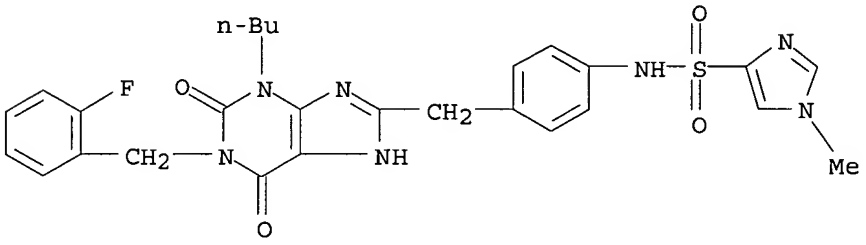
REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,				

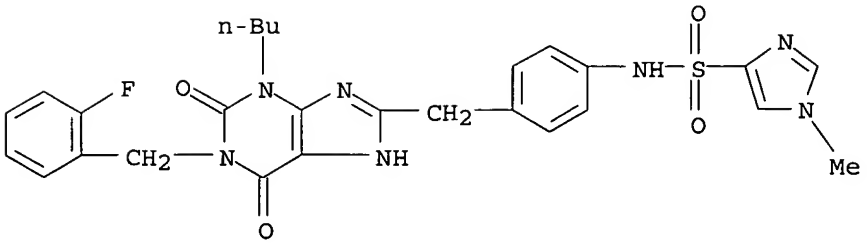
IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 86 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-40-2 REGISTRY
ED Entered STN: 20 Sep 2004
CN 1H-Imidazole-4-sulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-1-methyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C27 H28 F N7 O4 S
CI COM
SR CA



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L20 ANSWER 87 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-38-8 REGISTRY
ED Entered STN: 20 Sep 2004
CN 1H-Imidazole-4-sulfonamide, N-[4-[[3-butyl-1-[(2-fluorophenyl)methyl]-2,3,6,7-tetrahydro-2,6-dioxo-1H-purin-8-yl]methyl]phenyl]-1-methyl-, monohydrochloride (9CI) (CA INDEX NAME)
MF C27 H28 F N7 O4 S . Cl H
SR CA
LC STN Files: CA, CAPLUS, USPATFULL
CRN (748147-40-2)



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

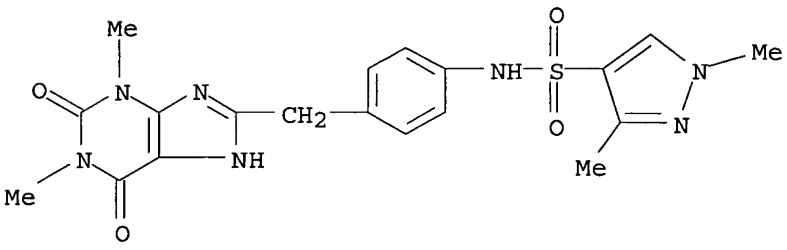
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 88 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-27-5 REGISTRY

ED Entered STN: 20 Sep 2004
CN 1H-Pyrazole-4-sulfonamide, 1,3-dimethyl-N-[4-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H21 N7 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

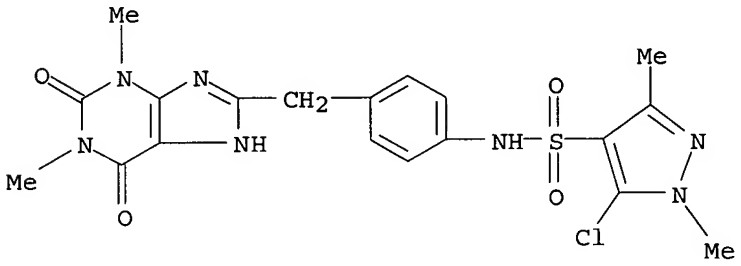
ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
PRIORITY APPLN. INFO.:			US 2003-448562P	20030219

US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 89 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 748147-25-3 REGISTRY
ED Entered STN: 20 Sep 2004
CN 1H-Pyrazole-4-sulfonamide, 5-chloro-1,3-dimethyl-N-[4-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]phenyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H20 Cl N7 O4 S
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI

RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212

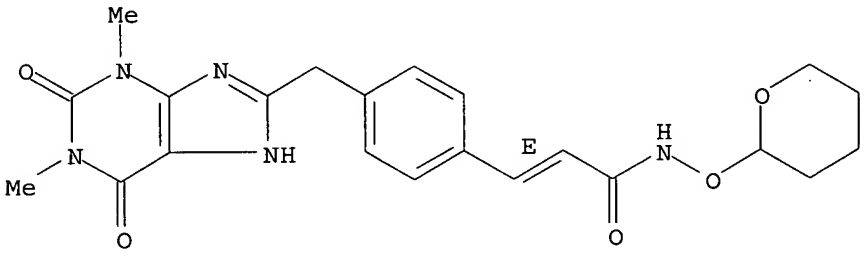
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 90 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 731845-71-9 REGISTRY
ED Entered STN: 24 Aug 2004
CN 2-Propenamide, 3-[4-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]phenyl]-N-[(tetrahydro-2H-pyran-2-yl)oxy]-, (2E)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C22 H25 N5 O5
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	141:157117 CA
TITLE:	Preparation of N-hydroxamide carboxylic acid derivatives as histone deacetylase (hdac) inhibitors
INVENTOR(S):	Urano, Yasuharu; Satoh, Shigeki; Ishibashi, Naoki; Kamijo, Kazunori
PATENT ASSIGNEE(S):	Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE:	PCT Int. Appl., 242 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent
LANGUAGE:	English
FAMILY ACC. NUM. COUNT:	1

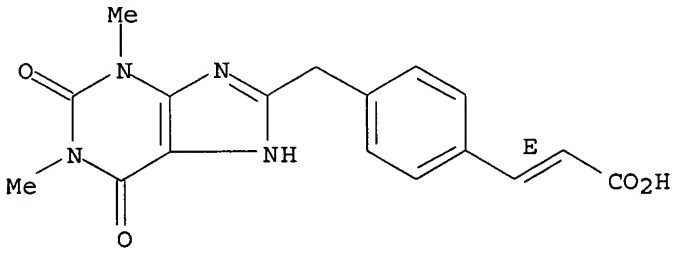
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063169	A1	20040729	WO 2004-JP157	20040113
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ				
US 2004229889	A1	20041118	US 2004-754541	20040112
CA 2513436	AA	20040729	CA 2004-2513436	20040113
EP 1585735	A1	20051019	EP 2004-701698	20040113
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
AU 2003-900116 20030113
AU 2003-905406 20031006
WO 2004-JP157 20040113

L20 ANSWER 91 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 731845-70-8 REGISTRY
ED Entered STN: 24 Aug 2004
CN 2-Propenoic acid, 3-[4-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]phenyl]-, (2E)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C17 H16 N4 O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL

Double bond geometry as shown.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:157117 CA
TITLE: Preparation of N-hydroxamide carboxylic acid derivatives as histone deacetylase (hdac) inhibitors
INVENTOR(S): Urano, Yasuharu; Satoh, Shigeki; Ishibashi, Naoki; Kamijo, Kazunori
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 242 pp.

CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063169	A1	20040729	WO 2004-JP157	20040113
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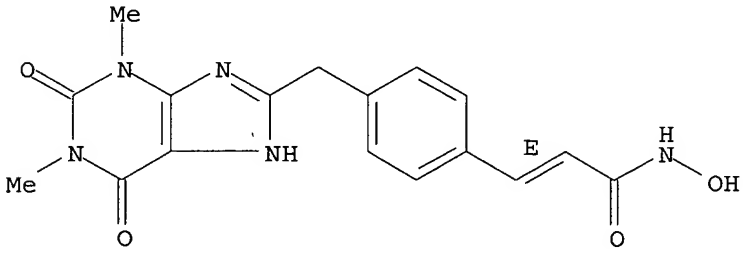
US 2004229889	A1	20041118	US 2004-754541	20040112
CA 2513436	AA	20040729	CA 2004-2513436	20040113
EP 1585735	A1	20051019	EP 2004-701698	20040113
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
AU 2003-900116 20030113
AU 2003-905406 20031006
WO 2004-JP157 20040113

L20 ANSWER 92 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 731843-76-8 REGISTRY
ED Entered STN: 24 Aug 2004
CN 2-Propenamide, N-hydroxy-3-[4-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]phenyl]-, monohydrochloride, (2E)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C17 H17 N5 O4 . Cl H
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
CRN (773849-23-3)

Double bond geometry as shown.



● HCl

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

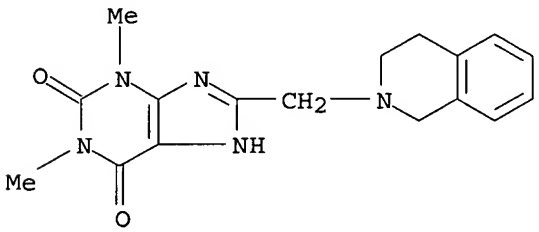
REFERENCE 1

ACCESSION NUMBER: 141:157117 CA
TITLE: Preparation of N-hydroxamide carboxylic acid derivatives as histone deacetylase (hdac) inhibitors
INVENTOR(S): Urano, Yasuharu; Satoh, Shigeki; Ishibashi, Naoki; Kamijo, Kazunori
PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan
SOURCE: PCT Int. Appl., 242 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004063169	A1	20040729	WO 2004-JP157	20040113
W: AE, AE, AG, AL, AL, AM, AM, AM, AT, AT, AU, AU, AZ, AZ, BA, BB, BG, BG, BR, BR, BW, BY, BY, BZ, BZ, CA, CH, CN, CN, CO, CO, CR, CR, CU, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EC, EC, EE, EE, EG, ES, ES, FI, FI, GB, GD, GE, GE, GH, GH, GH, GM, HR, HR, HU, HU, ID, IL, IN, IS, JP, JP, KE, KE, KG, KG, KP, KP, KP, KR, KR, KZ, KZ, LC, LK, LR, LS, LS, LT, LU, LV, MA, MD, MD, MG, MK, MN, MW, MX, MX, MZ				
US 2004229889	A1	20041118	US 2004-754541	20040112
CA 2513436	AA	20040729	CA 2004-2513436	20040113
EP 1585735	A1	20051019	EP 2004-701698	20040113
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: AU 2003-900116 20030113
AU 2003-905406 20031006
WO 2004-JP157 20040113

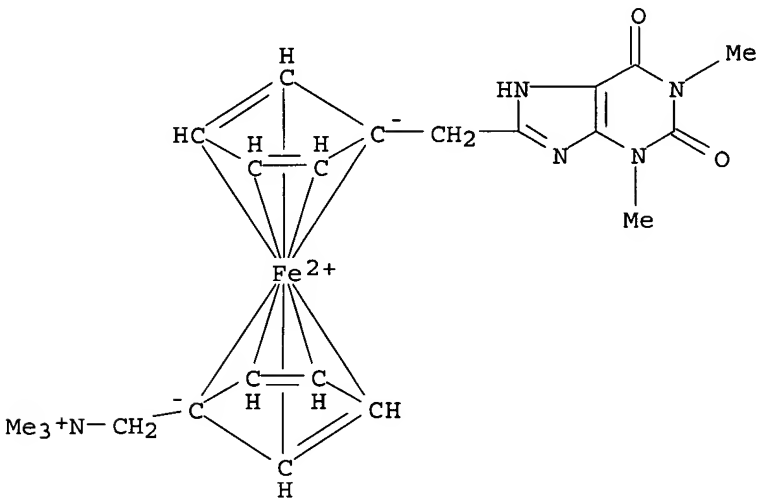
L20 ANSWER 93 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 672321-33-4 REGISTRY
ED Entered STN: 07 Apr 2004
CN 1H-Purine-2,6-dione, 8-[(3,4-dihydro-2(1H)-isoquinolinyl)methyl]-3,7-dihydro-1,3-dimethyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H19 N5 O2
SR Chemical Library
Supplier: PHARMEKS Ltd.
LC STN Files: CHEMCATS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L20 ANSWER 94 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN

RN 655239-12-6 REGISTRY
ED Entered STN: 27 Feb 2004
CN Methanaminium, N,N,N-trimethyl-1-[1'-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]ferrocenyl]- (9CI) (CA INDEX NAME)
MF C22 H28 Fe N5 O2
CI CCS
SR CA
LC STN Files: CA, CAPLUS



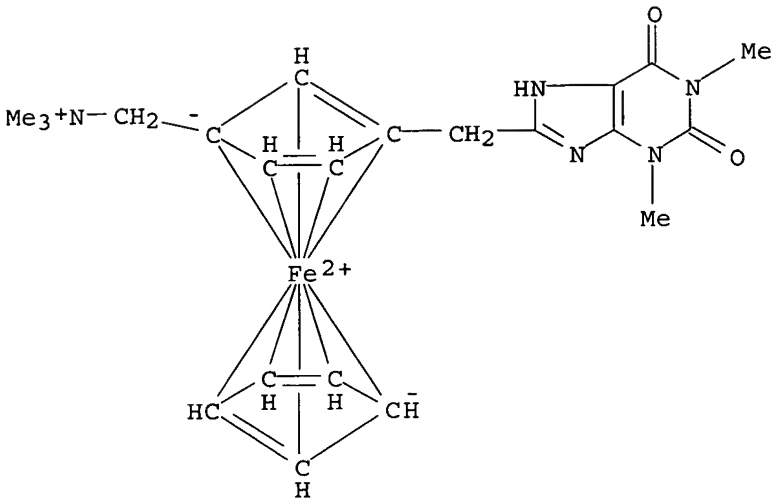
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 140:159975 CA
TITLE: Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
AUTHOR(S): Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE: MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE: Bioconjugate Chemistry (2004), 15(1), 137-144
CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 95 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655239-11-5 REGISTRY
ED Entered STN: 27 Feb 2004
CN Methanaminium, N,N,N-trimethyl-1-[3-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]ferrocenyl]- (9CI) (CA INDEX NAME)
MF C22 H28 Fe N5 O2
CI CCS
SR CA

LC STN Files: CA, CAPLUS

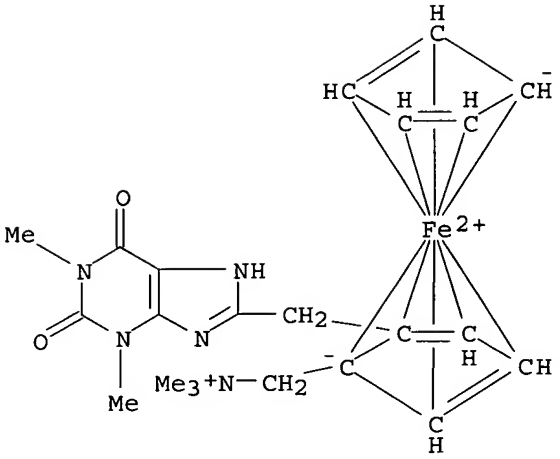


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:159975 CA
TITLE:	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
AUTHOR(S):	Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 96 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655239-10-4 REGISTRY
ED Entered STN: 27 Feb 2004
CN Methanaminium, N,N,N-trimethyl-1-[2-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]ferrocenyl]- (9CI) (CA INDEX NAME)
MF C22 H28 Fe N5 O2
CI CCS
SR CA
LC STN Files: CA, CAPLUS

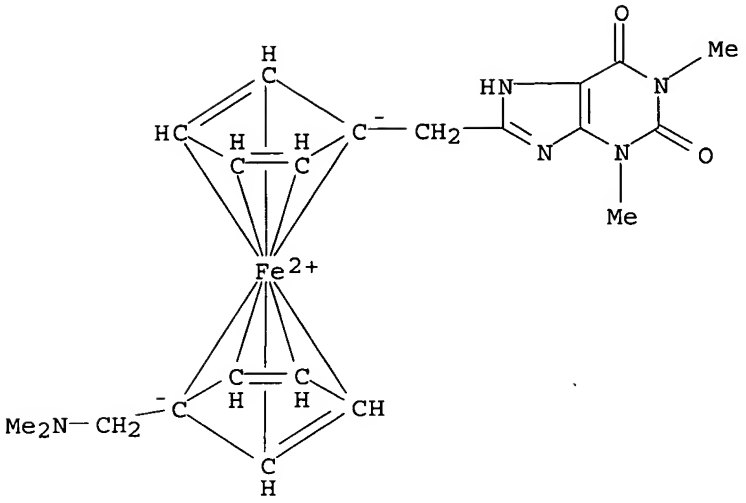


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:159975 CA
TITLE:	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
AUTHOR(S):	Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 97 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655239-06-8 REGISTRY
ED Entered STN: 27 Feb 2004
CN Ferrocene, 1-[(dimethylamino)methyl]-1'-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]- (9CI) (CA INDEX NAME)
MF C21 H25 Fe N5 O2
CI CCS
SR CA
LC STN Files: CA, CAPLUS

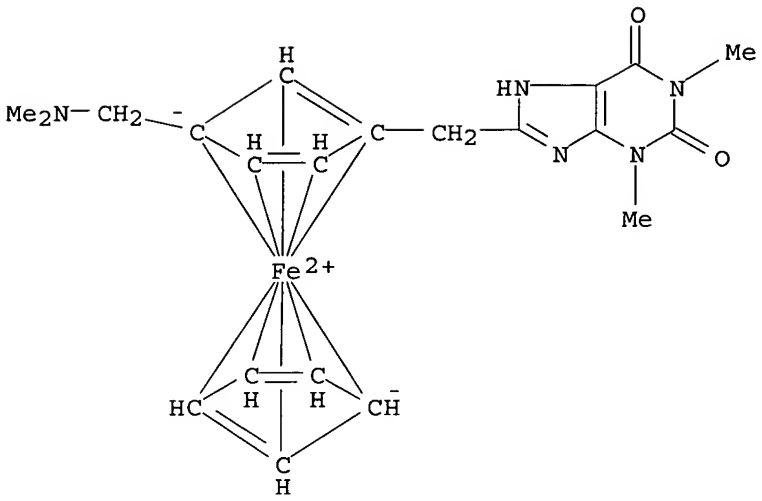


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:159975 CA
TITLE:	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
AUTHOR(S):	Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 98 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655239-02-4 REGISTRY
ED Entered STN: 27 Feb 2004
CN Ferrocene, 1-[(dimethylamino)methyl]-3-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]- (9CI) (CA INDEX NAME)
MF C21 H25 Fe N5 O2
CI CCS
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:159975 CA
TITLE:	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
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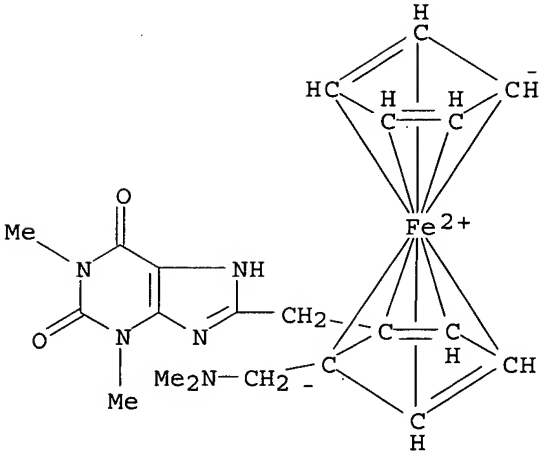
CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 99 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655238-97-4 REGISTRY
ED Entered STN: 27 Feb 2004
CN Ferrocene, 1-[(dimethylamino)methyl]-2-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]- (9CI) (CA INDEX NAME)
MF C21 H25 Fe N5 O2
CI CCS
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:159975 CA
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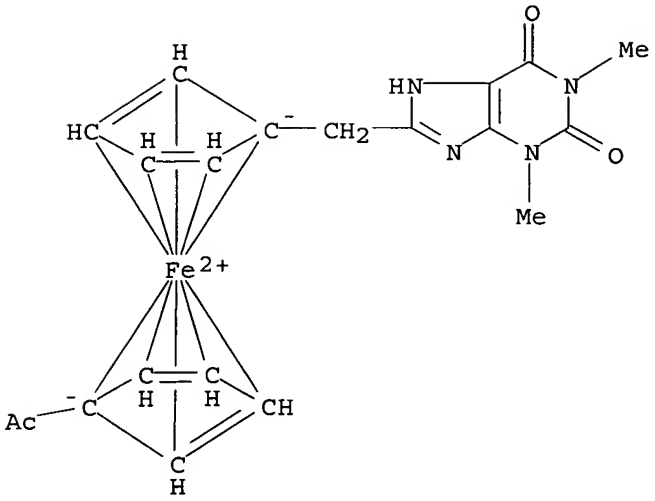
CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 100 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655238-94-1 REGISTRY
ED Entered STN: 27 Feb 2004
CN Ferrocene, 1-acetyl-1'-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]- (9CI) (CA INDEX NAME)
MF C20 H20 Fe N4 O3
CI CCS
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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TITLE:	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
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CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 101 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655238-93-0 REGISTRY
ED Entered STN: 27 Feb 2004
CN Ferrocene, [8-(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)octyl]- (9CI) (CA INDEX NAME)
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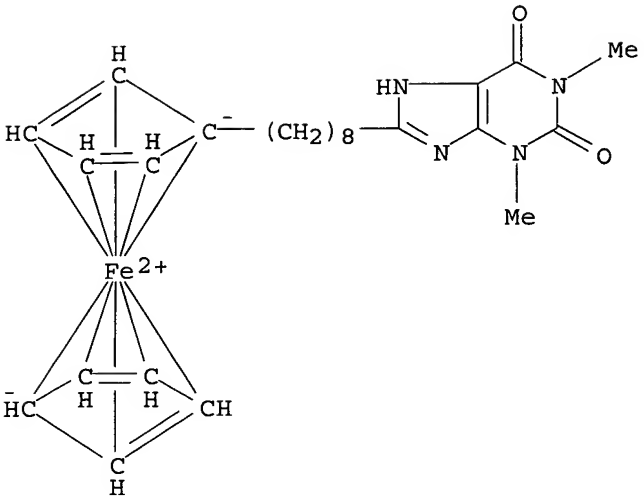
CI CCS
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:159975 CA
TITLE:	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
AUTHOR(S):	Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 102 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655238-92-9 REGISTRY
ED Entered STN: 27 Feb 2004
CN Ferrocene, [4-(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)butyl]- (9CI) (CA INDEX NAME)
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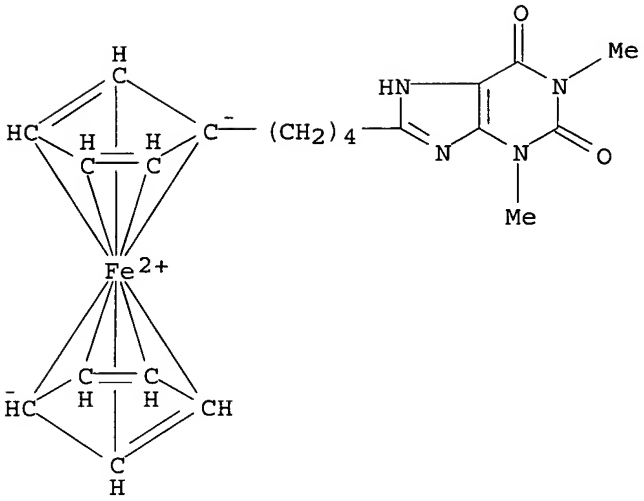
CI CCS
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:159975 CA
TITLE:	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
AUTHOR(S):	Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 103 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655238-91-8 REGISTRY
ED Entered STN: 27 Feb 2004
CN Ferrocene, [2-(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)ethyl]- (9CI) (CA INDEX NAME)
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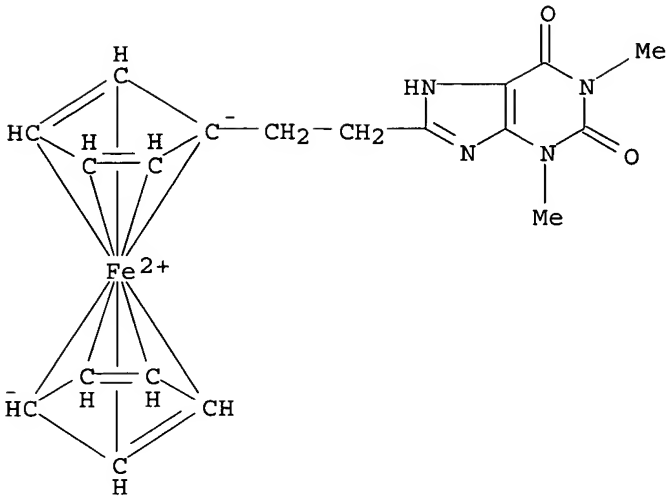
SR CA
LC STN Files: CA, CAPLUS

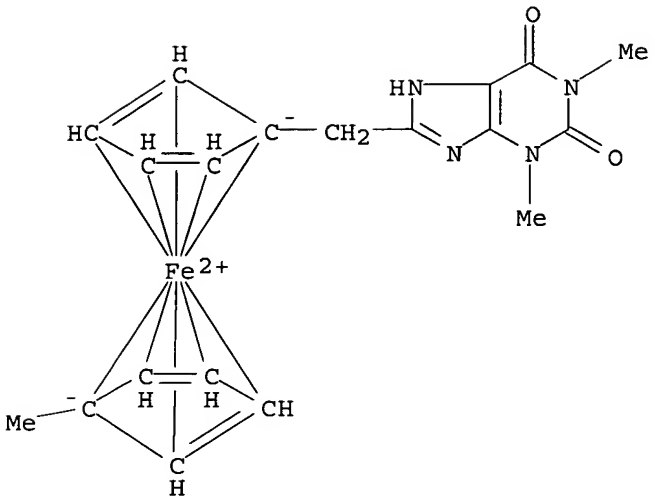


1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:159975 CA
TITLE:	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
AUTHOR(S):	Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 104 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 655238-90-7 REGISTRY
ED Entered STN: 27 Feb 2004
CN Ferrocene, 1-methyl-1'-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]- (9CI) (CA INDEX NAME)
MF C19 H20 Fe N4 O2
CI CCS
SR CA
LC STN Files: CA, CAPLUS



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:159975 CA
TITLE:	Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
AUTHOR(S):	Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE:	MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE:	Bioconjugate Chemistry (2004), 15(1), 137-144 CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER:	American Chemical Society
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 105 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 637335-90-1 REGISTRY
ED Entered STN: 14 Jan 2004
CN 1H-Purine-2,6-dione, 3-butyl-1-[(2-fluorophenyl)methyl]-3,7-dihydro-8-[(4-nitrophenyl)methyl]- (9CI) (CA INDEX NAME)
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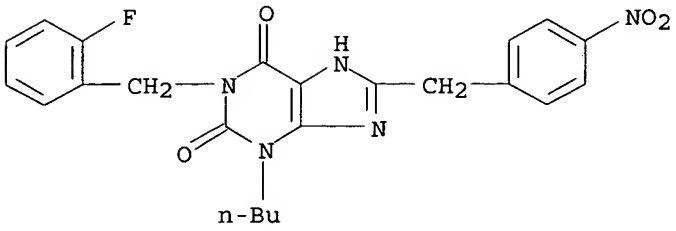
MF C23 H22 F N5 O4
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

ACCESSION NUMBER: 140:59656 CA
TITLE: Preparation of amide-substituted xanthine derivatives

as phosphoenolpyruvate carboxykinase inhibitors with gluconeogenesis modulating activity for treating type 2 diabetes

INVENTOR(S): Dunten, Pete William; Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya

PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.

SOURCE: PCT Int. Appl., 191 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003106459	A1	20031224	WO 2003-EP5922	20030605
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
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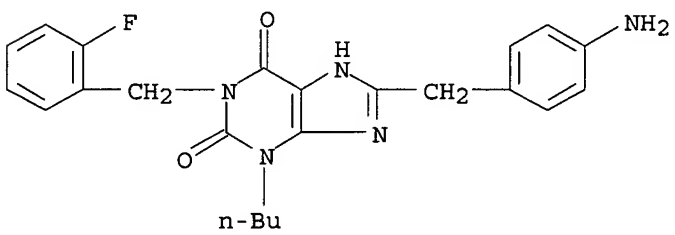
CA 2487033	AA	20031224	CA 2003-2487033	20030605
EP 1515972	A1	20050323	EP 2003-735559	20030605
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003011760	A	20050329	BR 2003-11760	20030605
JP 2005533067	T2	20051104	JP 2004-513290	20030605
US 2004014766	A1	20040122	US 2003-459944	20030612
PRIORITY APPLN. INFO.:			US 2002-388164P	20020612
			US 2003-461010P	20030407
			WO 2003-EP5922	20030605

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 106 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 637335-82-1 REGISTRY
ED Entered STN: 14 Jan 2004
CN 1H-Purine-2,6-dione, 8-[(4-aminophenyl)methyl]-3-butyl-1-[(2-fluorophenyl)methyl]-3,7-dihydro- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H24 F N5 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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2 REFERENCES IN FILE CA (1907 TO DATE)
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INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

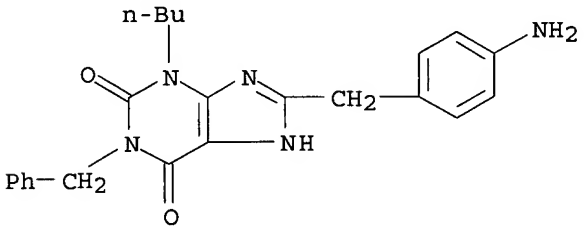
ACCESSION NUMBER: 140:59656 CA
TITLE: Preparation of amide-substituted xanthine derivatives as phosphoenolpyruvate carboxykinase inhibitors with gluconeogenesis modulating activity for treating type 2 diabetes
INVENTOR(S): Dunten, Pete William; Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 191 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003106459	A1	20031224	WO 2003-EP5922	20030605
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
CA 2487033	AA	20031224	CA 2003-2487033	20030605
EP 1515972	A1	20050323	EP 2003-735559	20030605
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003011760	A	20050329	BR 2003-11760	20030605
JP 2005533067	T2	20051104	JP 2004-513290	20030605
US 2004014766	A1	20040122	US 2003-459944	20030612
PRIORITY APPLN. INFO.:			US 2002-388164P	20020612
			US 2003-461010P	20030407
			WO 2003-EP5922	20030605

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 107 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 637335-70-7 REGISTRY
ED Entered STN: 14 Jan 2004
CN 1H-Purine-2,6-dione, 8-[(4-aminophenyl)methyl]-3-butyl-3,7-dihydro-1-(phenylmethyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C23 H25 N5 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA
TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.:
US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212

REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

ACCESSION NUMBER: 140:59656 CA
TITLE: Preparation of amide-substituted xanthine derivatives as phosphoenolpyruvate carboxykinase inhibitors with gluconeogenesis modulating activity for treating type 2 diabetes
INVENTOR(S): Dunten, Pete William; Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 191 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003106459	A1	20031224	WO 2003-EP5922	20030605
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				

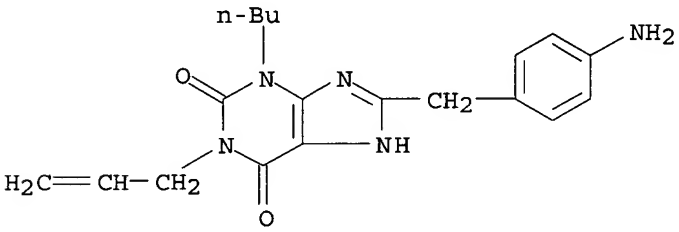
CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZM, ZW

RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

CA 2487033	AA	20031224	CA 2003-2487033	20030605
EP 1515972	A1	20050323	EP 2003-735559	20030605
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				
BR 2003011760	A	20050329	BR 2003-11760	20030605
JP 2005533067	T2	20051104	JP 2004-513290	20030605
US 2004014766	A1	20040122	US 2003-459944	20030612
PRIORITY APPLN. INFO.:			US 2002-388164P	20020612
			US 2003-461010P	20030407
			WO 2003-EP5922	20030605

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 108 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 628279-05-0 REGISTRY
ED Entered STN: 19 Dec 2003
CN 1H-Purine-2,6-dione, 8-[(4-aminophenyl)methyl]-3-butyl-3,7-dihydro-1-(2-propenyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H23 N5 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

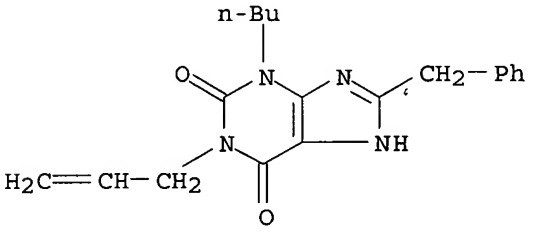
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 140:229 CA
TITLE: Modified 3-alkyl-1,8-dibenzylxanthines as GTP-competitive inhibitors of phosphoenolpyruvate carboxykinase
AUTHOR(S): Foley, Louise H.; Wang, Ping; Dunten, Pete; Ramsey, Gwendolyn; Gubler, Mary-Lou; Wertheimer, Stanley J.
CORPORATE SOURCE: Roche Research Center, Department of Discovery Chemistry, Hoffmann-La Roche Inc., Nutley, NJ, 07110,

	USA
SOURCE:	Bioorganic & Medicinal Chemistry Letters (2003), 13(20), 3607-3610 CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER:	Elsevier Science B.V.
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 109 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 628279-04-9 REGISTRY
ED Entered STN: 19 Dec 2003
CN 1H-Purine-2,6-dione, 3-butyl-3,7-dihydro-8-(phenylmethyl)-1-(2-propenyl)-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H22 N4 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

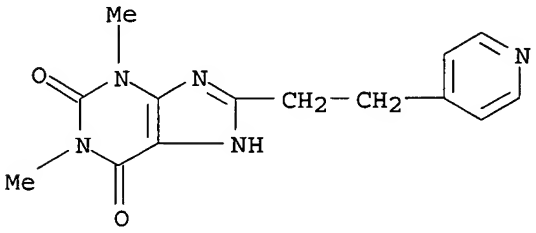
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	140:229 CA
TITLE:	Modified 3-alkyl-1,8-dibenzylxanthines as GTP-competitive inhibitors of phosphoenolpyruvate carboxykinase
AUTHOR(S):	Foley, Louise H.; Wang, Ping; Dunten, Pete; Ramsey, Gwendolyn; Gubler, Mary-Lou; Wertheimer, Stanley J.
CORPORATE SOURCE:	Roche Research Center, Department of Discovery Chemistry, Hoffmann-La Roche Inc., Nutley, NJ, 07110, USA
SOURCE:	Bioorganic & Medicinal Chemistry Letters (2003), 13(20), 3607-3610 CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER:	Elsevier Science B.V.
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

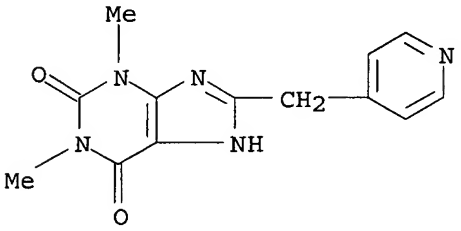
L20 ANSWER 110 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 500700-85-6 REGISTRY

ED Entered STN: 26 Mar 2003
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-[2-(4-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 74353
FS 3D CONCORD
MF C14 H15 N5 O2
SR Chemical Library



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

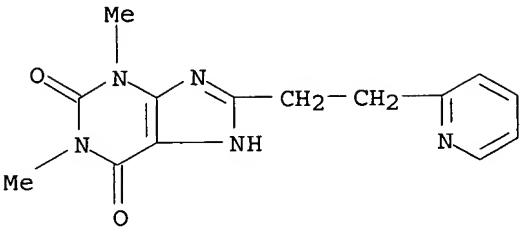
L20 ANSWER 111 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 500700-84-5 REGISTRY
ED Entered STN: 26 Mar 2003
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(4-pyridinylmethyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 74352
FS 3D CONCORD
MF C13 H13 N5 O2
SR Chemical Library



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

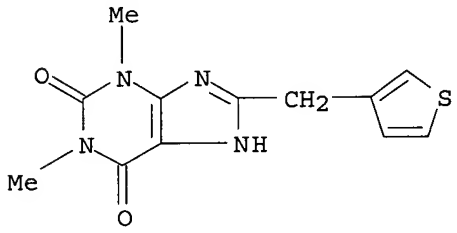
L20 ANSWER 112 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 500700-83-4 REGISTRY
ED Entered STN: 26 Mar 2003
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-[2-(2-pyridinyl)ethyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 74351
FS 3D CONCORD
MF C14 H15 N5 O2

SR Chemical Library



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L20 ANSWER 113 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 500700-76-5 REGISTRY
ED Entered STN: 26 Mar 2003
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(3-thienylmethyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 74072
FS 3D CONCORD
MF C12 H12 N4 O2 S
SR Chemical Library
LC STN Files: CA, CAPLUS



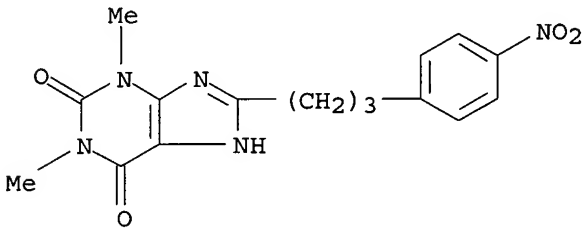
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

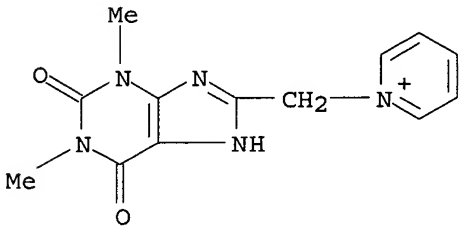
ACCESSION NUMBER:	49:16011 CA
TITLE:	Theophylline derivatives. III. 8-(9-Fluorenyl)theophylline and related compounds
AUTHOR(S):	Hager, Geo. P.; Ichniowski, Casimir T.; Wisek, Bernard
CORPORATE SOURCE:	Univ. of Maryland, Baltimore
SOURCE:	Journal of the American Pharmaceutical Association (1912-1977) (1954), 43, 156-8 CODEN: JPHAA3; ISSN: 0003-0465
DOCUMENT TYPE:	Journal
LANGUAGE:	Unavailable

L20 ANSWER 114 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 500308-76-9 REGISTRY
ED Entered STN: 24 Mar 2003
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-[3-(4-nitrophenyl)propyl]-
(9CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 95916
FS 3D CONCORD
MF C16 H17 N5 O4
SR Chemical Library



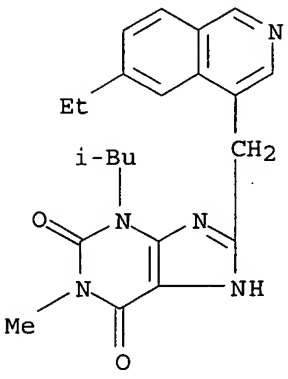
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L20 ANSWER 115 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 497079-99-9 REGISTRY
ED Entered STN: 06 Mar 2003
CN Pyridinium, 1-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-
yl)methyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C13 H14 N5 O2
CI COM
SR Reaction Database
LC STN Files: CASREACT



L20 ANSWER 116 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 366445-15-0 REGISTRY
ED Entered STN: 02 Nov 2001
CN 1H-Purine-2,6-dione, 8-[(6-ethyl-4-isoquinolinyl)methyl]-3,7-dihydro-1-
methyl-3-(2-methylpropyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 8-(6-Ethylisoquinolin-4-ylmethyl)-3-isobutyl-1-methyl-3,7-dihydropurine-
2,6-dione
FS 3D CONCORD
MF C22 H25 N5 O2

SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 138:309280 CA
TITLE: Combinations containing a phosphodiesterase inhibitor
INVENTOR(S): Cohen, David Saul
PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.; Novartis Pharma GmbH
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003028730	A2	20030410	WO 2002-EP10826	20020926
WO 2003028730	A3	20030904		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
US 2003114469	A1	20030619	US 2002-231427	20020828
US 2003139429	A1	20030724	US 2002-236651	20020906
CA 2458343	AA	20030410	CA 2002-2458343	20020926
EP 1432423	A2	20040630	EP 2002-777227	20020926
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012852	A	20041013	BR 2002-12852	20020926
JP 2005504113	T2	20050210	JP 2003-532062	20020926
PRIORITY APPLN. INFO.:			US 2001-325485P	20010927

WO 2002-EP10826 20020926

REFERENCE 2

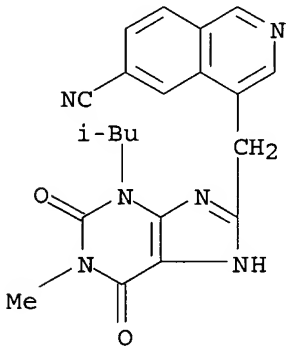
ACCESSION NUMBER: 135:303908 CA
TITLE: 8-(Quinolinylmethyl)xanthine and 8-(isoquinolinylmethyl)xanthine derivatives as PDE 5 inhibitors, useful for treatment of erectile dysfunction
INVENTOR(S): Bhalay, Gurdip; Collingwood, Stephen Paul; Fairhurst, Robin Alec; Gomez, Sylvie Felicite; Naef, Reto; Sandham, David Andrew
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077110	A1	20011018	WO 2001-EP3909	20010405
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2403514	AA	20011018	CA 2001-2403514	20010405
AU 2001073921	A5	20011023	AU 2001-73921	20010405
EP 1268480	A1	20030102	EP 2001-940294	20010405
EP 1268480	B1	20031105		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001009855	A	20030603	BR 2001-9855	20010405
JP 2003530398	T2	20031014	JP 2001-575583	20010405
AT 253576	E	20031115	AT 2001-940294	20010405
PT 1268480	T	20040331	PT 2001-940294	20010405
NZ 521361	A	20040528	NZ 2001-521361	20010405
ES 2210169	T3	20040701	ES 2001-1940294	20010405
NO 2002004741	A	20021002	NO 2002-4741	20021002
US 2003171384	A1	20030911	US 2002-240481	20021002
ZA 2002007956	A	20030716	ZA 2002-7956	20021003
US 2004038996	A1	20040226	US 2003-644328	20030820
US 6919337	B2	20050719		
US 2005054660	A1	20050310	US 2004-937639	20040909
PRIORITY APPLN. INFO.:			GB 2000-8694	20000407
			WO 2001-EP3909	20010405
			US 2002-240481	20021002
			US 2003-644328	20030820

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 117 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN

RN 366445-14-9 REGISTRY
ED Entered STN: 02 Nov 2001
CN 6-Isoquinolinecarbonitrile, 4-[[2,3,6,7-tetrahydro-1-methyl-3-(2-methylpropyl)-2,6-dioxo-1H-purin-8-yl]methyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 4-[(3-Isobutyl-1-methyl-2,6-dioxo-2,3,6,7-tetrahydro-1H-purin-8-yl)methyl]isoquinoline-6-carbonitrile
FS 3D CONCORD
MF C21 H20 N6 O2
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 138:309280 CA
TITLE: Combinations containing a phosphodiesterase inhibitor
INVENTOR(S): Cohen, David Saul
PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.; Novartis Pharma GmbH
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003028730	A2	20030410	WO 2002-EP10826	20020926
WO 2003028730	A3	20030904		

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US 2003114469	A1	20030619	US 2002-231427	20020828
US 2003139429	A1	20030724	US 2002-236651	20020906
CA 2458343	AA	20030410	CA 2002-2458343	20020926
EP 1432423	A2	20040630	EP 2002-777227	20020926
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JP 2005504113	T2	20050210	JP 2003-532062	20020926
PRIORITY APPLN. INFO.:			US 2001-325485P	20010927
			WO 2002-EP10826	20020926

REFERENCE 2

ACCESSION NUMBER: 135:303908 CA
TITLE: 8-(Quinolinylmethyl)xanthine and 8-(isoquinolinylmethyl)xanthine derivatives as PDE 5 inhibitors, useful for treatment of erectile dysfunction
INVENTOR(S): Bhalay, Gurdip; Collingwood, Stephen Paul; Fairhurst, Robin Alec; Gomez, Sylvie Felicite; Naef, Reto; Sandham, David Andrew
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077110	A1	20011018	WO 2001-EP3909	20010405
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
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CA 2403514	AA	20011018	CA 2001-2403514	20010405
AU 2001073921	A5	20011023	AU 2001-73921	20010405
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BR 2001009855	A	20030603	BR 2001-9855	20010405
JP 2003530398	T2	20031014	JP 2001-575583	20010405
AT 253576	E	20031115	AT 2001-940294	20010405
PT 1268480	T	20040331	PT 2001-940294	20010405
NZ 521361	A	20040528	NZ 2001-521361	20010405
ES 2210169	T3	20040701	ES 2001-1940294	20010405
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US 2003171384	A1	20030911	US 2002-240481	20021002
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US 2005054660 A1 20050310 US 2004-937639 20040909
PRIORITY APPLN. INFO.: GB 2000-8694 20000407
WO 2001-EP3909 20010405
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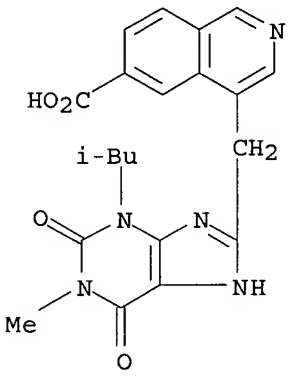
US 2003-644328 20030820
REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 118 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 366445-12-7 REGISTRY
ED Entered STN: 02 Nov 2001
CN 6-Isoquinolinecarboxylic acid, 4-[[2,3,6,7-tetrahydro-1-methyl-3-(2-methylpropyl)-2,6-dioxo-1H-purin-8-yl]methyl]- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 8-(6-Carboxyisoquinolin-4-ylmethyl)-3-isobutyl-1-methyl-3,7-dihydropurine-2,6-dione
FS 3D CONCORD
MF C21 H21 N5 O4
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



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INVENTOR(S): Cohen, David Saul
PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.; Novartis Pharma GmbH
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

WO 2003028730	A2	20030410	WO 2002-EP10826	20020926	
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EP 1432423	A2	20040630	EP 2002-777227	20020926	
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BR 2002012852	A	20041013	BR 2002-12852	20020926	
JP 2005504113	T2	20050210	JP 2003-532062	20020926	
PRIORITY APPLN. INFO.:			US 2001-325485P	20010927	
			WO 2002-EP10826	20020926	

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ACCESSION NUMBER: 135:303908 CA
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INVENTOR(S): Bhalay, Gurdip; Collingwood, Stephen Paul; Fairhurst, Robin Alec; Gomez, Sylvie Felicite; Naef, Reto; Sandham, David Andrew
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077110	A1	20011018	WO 2001-EP3909	20010405
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JP 2003530398	T2	20031014	JP 2001-575583	20010405

AT 253576	E	20031115	AT 2001-940294	20010405
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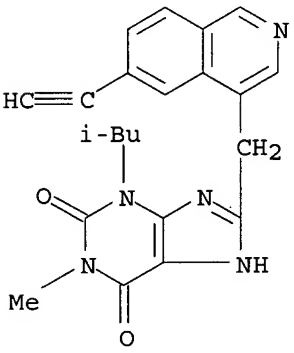
ZA 2002007956	A	20030716	ZA 2002-7956	20021003
US 2004038996	A1	20040226	US 2003-644328	20030820
US 6919337	B2	20050719		
US 2005054660	A1	20050310	US 2004-937639	20040909

PRIORITY APPLN. INFO.:
GB 2000-8694 20000407
WO 2001-EP3909 20010405
US 2002-240481 20021002
US 2003-644328 20030820

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 119 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 366444-93-1 REGISTRY
ED Entered STN: 02 Nov 2001
CN 1H-Purine-2,6-dione, 8-[(6-ethynyl-4-isoquinolinyl)methyl]-3,7-dihydro-1-methyl-3-(2-methylpropyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 8-(6-Ethynylisoquinolin-4-ylmethyl)-3-isobutyl-1-methyl-3,7-dihydropurine-2,6-dione
FS 3D CONCORD
MF C22 H21 N5 O2
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



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2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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ACCESSION NUMBER: 138:309280 CA
TITLE: Combinations containing a phosphodiesterase inhibitor
INVENTOR(S): Cohen, David Saul
PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.; Novartis Pharma GmbH

SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003028730	A2	20030410	WO 2002-EP10826	20020926
WO 2003028730	A3	20030904		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
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US 2003139429	A1	20030724	US 2002-236651	20020906
CA 2458343	AA	20030410	CA 2002-2458343	20020926
EP 1432423	A2	20040630	EP 2002-777227	20020926
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012852	A	20041013	BR 2002-12852	20020926
JP 2005504113	T2	20050210	JP 2003-532062	20020926
PRIORITY APPLN. INFO.:			US 2001-325485P	20010927
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REFERENCE 2

ACCESSION NUMBER: 135:303908 CA
TITLE: 8-(Quinolinylmethyl)xanthine and 8-(isoquinolinylmethyl)xanthine derivatives as PDE 5 inhibitors, useful for treatment of erectile dysfunction
INVENTOR(S): Bhalay, Gurdip; Collingwood, Stephen Paul; Fairhurst, Robin Alec; Gomez, Sylvie Felicite; Naef, Reto; Sandham, David Andrew
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077110	A1	20011018	WO 2001-EP3909	20010405
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AT 253576	E	20031115	AT 2001-940294	20010405
PT 1268480	T	20040331	PT 2001-940294	20010405
NZ 521361	A	20040528	NZ 2001-521361	20010405
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ZA 2002007956	A	20030716	ZA 2002-7956	20021003
US 2004038996	A1	20040226	US 2003-644328	20030820
US 6919337	B2	20050719		
US 2005054660	A1	20050310	US 2004-937639	20040909

PRIORITY APPLN. INFO.:
GB 2000-8694 20000407
WO 2001-EP3909 20010405
US 2002-240481 20021002
US 2003-644328 20030820

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L20 ANSWER 120 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 366444-74-8 REGISTRY
ED Entered STN: 02 Nov 2001
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(4-isoquinolinylmethyl)-1-methyl-3-(2-methylpropyl)- (9CI) (CA INDEX NAME)
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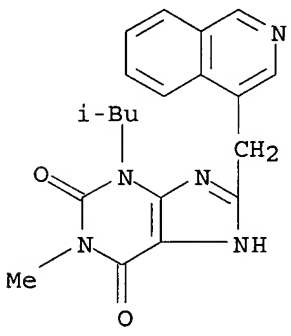
FS 3D CONCORD
MF C20 H21 N5 O2
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



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PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.; Novartis Pharma GmbH
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003028730	A2	20030410	WO 2002-EP10826	20020926
WO 2003028730	A3	20030904		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
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BR 2002012852	A	20041013	BR 2002-12852	20020926
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PRIORITY APPLN. INFO.:			US 2001-325485P	20010927
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CA 2403514	AA	20011018	CA 2001-2403514	20010405
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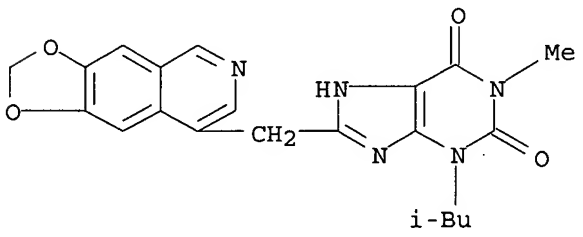
PT 1268480	T	20040331	PT 2001-940294	20010405
NZ 521361	A	20040528	NZ 2001-521361	20010405
ES 2210169	T3	20040701	ES 2001-1940294	20010405
NO 2002004741	A	20021002	NO 2002-4741	20021002
US 2003171384	A1	20030911	US 2002-240481	20021002
ZA 2002007956	A	20030716	ZA 2002-7956	20021003
US 2004038996	A1	20040226	US 2003-644328	20030820
US 6919337	B2	20050719		
US 2005054660	A1	20050310	US 2004-937639	20040909

PRIORITY APPLN. INFO.:
GB 2000-8694 20000407
WO 2001-EP3909 20010405
US 2002-240481 20021002
US 2003-644328 20030820

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 121 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 366444-61-3 REGISTRY
ED Entered STN: 02 Nov 2001
CN 1H-Purine-2,6-dione, 8-(1,3-dioxolo[4,5-g]isoquinolin-8-ylmethyl)-3,7-dihydro-1-methyl-3-(2-methylpropyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN 8-[(6,7-Methylenedioxyisoquinolin-4-yl)methyl]-3-isobutyl-1-methyl-3,7-dihydropurine-2,6-dione
FS 3D CONCORD
MF C21 H21 N5 O4
SR CA
LC STN Files: CA, CAPLUS, USPAT2, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 138:309280 CA
TITLE: Combinations containing a phosphodiesterase inhibitor
INVENTOR(S): Cohen, David Saul
PATENT ASSIGNEE(S): Novartis AG, Switz.; Novartis-Erfindungen Verwaltungsgesellschaft M.B.H.; Novartis Pharma GmbH
SOURCE: PCT Int. Appl., 38 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003028730	A2	20030410	WO 2002-EP10826	20020926
WO 2003028730	A3	20030904		
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LT, LU, LV, MA, MD, MK, MN, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SE, SG, SI, SK, TJ, TM, TN, TR, TT, UA, US, UZ, VC, VN, YU, ZA, ZW				
RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR				
US 2003114469	A1	20030619	US 2002-231427	20020828
US 2003139429	A1	20030724	US 2002-236651	20020906
CA 2458343	AA	20030410	CA 2002-2458343	20020926
EP 1432423	A2	20040630	EP 2002-777227	20020926
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK				
BR 2002012852	A	20041013	BR 2002-12852	20020926
JP 2005504113	T2	20050210	JP 2003-532062	20020926
PRIORITY APPLN. INFO.:			US 2001-325485P	20010927
			WO 2002-EP10826	20020926

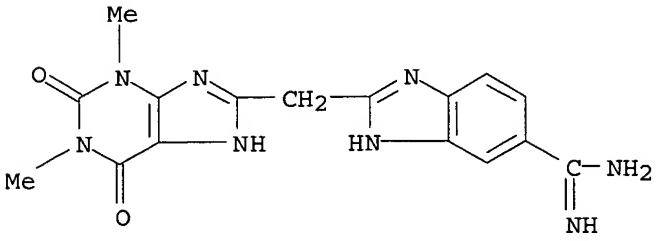
REFERENCE 2

ACCESSION NUMBER: 135:303908 CA
TITLE: 8-(Quinolinylmethyl)xanthine and 8-(isoquinolinylmethyl)xanthine derivatives as PDE 5 inhibitors, useful for treatment of erectile dysfunction
INVENTOR(S): Bhalay, Gurdip; Collingwood, Stephen Paul; Fairhurst, Robin Alec; Gomez, Sylvie Felicite; Naef, Reto; Sandham, David Andrew
PATENT ASSIGNEE(S): Novartis A.-G., Switz.; Novartis-Erfindungen Verwaltungsgesellschaft m.b.H.
SOURCE: PCT Int. Appl., 70 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001077110	A1	20011018	WO 2001-EP3909	20010405
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2403514	AA	20011018	CA 2001-2403514	20010405
AU 2001073921	A5	20011023	AU 2001-73921	20010405
EP 1268480	A1	20030102	EP 2001-940294	20010405
EP 1268480	B1	20031105		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR				
BR 2001009855	A	20030603	BR 2001-9855	20010405
JP 2003530398	T2	20031014	JP 2001-575583	20010405
AT 253576	E	20031115	AT 2001-940294	20010405
PT 1268480	T	20040331	PT 2001-940294	20010405
NZ 521361	A	20040528	NZ 2001-521361	20010405
ES 2210169	T3	20040701	ES 2001-1940294	20010405
NO 2002004741	A	20021002	NO 2002-4741	20021002
US 2003171384	A1	20030911	US 2002-240481	20021002
ZA 2002007956	A	20030716	ZA 2002-7956	20021003
US 2004038996	A1	20040226	US 2003-644328	20030820
US 6919337	B2	20050719		
US 2005054660	A1	20050310	US 2004-937639	20040909
PRIORITY APPLN. INFO.:			GB 2000-8694	20000407
			WO 2001-EP3909	20010405
			US 2002-240481	20021002
			US 2003-644328	20030820

REFERENCE COUNT: 1 THERE ARE 1 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 122 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 226573-50-8 REGISTRY
ED Entered STN: 29 Jun 1999
CN 1H-Benzimidazole-5-carboximidamide, 2-[(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H16 N8 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

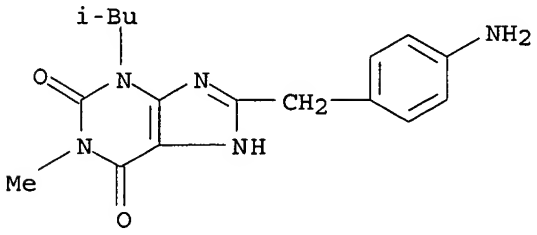
REFERENCE 1

ACCESSION NUMBER: 131:19005 CA
TITLE: Preparation of amidinobenzimidazolylheterocycles as anticoagulants.
INVENTOR(S): Fatheree, Paul R.; Jenkins, Thomas E.; Li, Yong; Linsell, Martin S.; Rai, Roopa; Shrader, William D.; Trapp, Sean G.; Young, Wendy B.
PATENT ASSIGNEE(S): Axys Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 105 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9926932	A1	19990603	WO 1998-US25216	19981125
W: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, SD, SZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
AU 9916071	A1	19990615	AU 1999-16071	19981125
PRIORITY APPLN. INFO.:			US 1997-72654	19971126
			WO 1998-US25216	19981125

REFERENCE COUNT: 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 123 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 212072-77-0 REGISTRY
ED Entered STN: 01 Oct 1998
CN 1H-Purine-2,6-dione, 8-[(4-aminophenyl)methyl]-3,7-dihydro-1-methyl-3-(2-methylpropyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H21 N5 O2
SR CA
LC STN Files: CA, CAPLUS



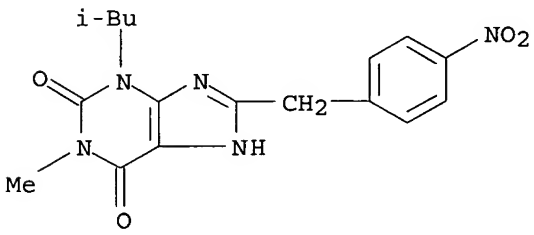
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 129:199618 CA
TITLE: A photoaffinity probe covalently modifies the catalytic site of the cGMP-binding cGMP-specific phosphodiesterase (PDE-5)
AUTHOR(S): Corbin, Jackie D.; Beasley, Alfreda; Turko, Illarion V.; Haik, Tamara L.; Mangum, Kimberly A.; Wells, Jack N.; Francis, Sharron H.; Sekhar, Konjeti R.
CORPORATE SOURCE: Department of Molecular Physiology and Biophysics, Vanderbilt University School of Medicine, Nashville, TN, 37232-0615, USA
SOURCE: Cell Biochemistry and Biophysics (1998), 29(1-2), 145-157
CODEN: CBBIFV; ISSN: 1085-9195
PUBLISHER: Humana Press Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 124 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 212072-76-9 REGISTRY
ED Entered STN: 01 Oct 1998
CN 1H-Purine-2,6-dione, 3,7-dihydro-1-methyl-3-(2-methylpropyl)-8-[(4-nitrophenyl)methyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H19 N5 O4
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

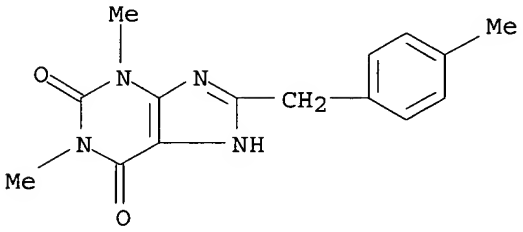
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 129:199618 CA
TITLE: A photoaffinity probe covalently modifies the catalytic site of the cGMP-binding cGMP-specific

phosphodiesterase (PDE-5)
AUTHOR(S): Corbin, Jackie D.; Beasley, Alfreda; Turko, Illarion V.; Haik, Tamara L.; Mangum, Kimberly A.; Wells, Jack N.; Francis, Sharron H.; Sekhar, Konjeti R.
CORPORATE SOURCE: Department of Molecular Physiology and Biophysics, Vanderbilt University School of Medicine, Nashville, TN, 37232-0615, USA
SOURCE: Cell Biochemistry and Biophysics (1998), 29(1-2), 145-157
CODEN: CBBIFV; ISSN: 1085-9195
PUBLISHER: Humana Press Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 20 THERE ARE 20 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L20 ANSWER 125 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 189215-25-6 REGISTRY
ED Entered STN: 23 May 1997
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-[(4-methylphenyl)methyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H16 N4 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

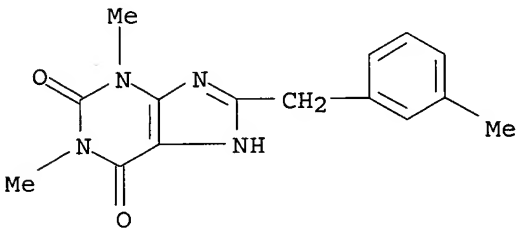
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 126:305588 CA
TITLE: Preparation of 4-(dioxopurinylmethyl)phenylacetates and analogs as hypolipemics
INVENTOR(S): Connell, Richard; Goldmann, Siegfried; Mueller, Ulrich; Lohmer, Stefan; Bischoff, Hilmar; Denzer, Dirk; Gruetzmann, Rudi; Wohlfeil, Stefan
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Eur. Pat. Appl., 69 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 764647	A1	19970326	EP 1996-114577	19960912
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
DE 19535504	A1	19970327	DE 1995-19535504	19950925
US 5714494	A	19980203	US 1996-710503	19960918
JP 09216884	A2	19970819	JP 1996-267691	19960919
CA 2186086	AA	19970326	CA 1996-2186086	19960920
PRIORITY APPLN. INFO.:			DE 1995-19535504	19950925

L20 ANSWER 126 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 189215-24-5 REGISTRY
ED Entered STN: 23 May 1997
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-[(3-methylphenyl)methyl]-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H16 N4 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

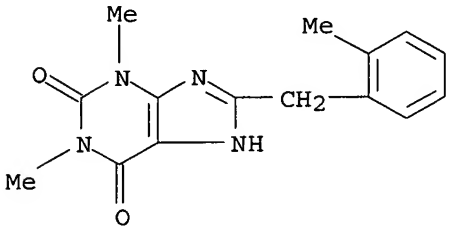
ACCESSION NUMBER: 126:305588 CA
TITLE: Preparation of 4-(dioxopurinylmethyl)phenylacetates and analogs as hypolipemics
INVENTOR(S): Connell, Richard; Goldmann, Siegfried; Mueller, Ulrich; Lohmer, Stefan; Bischoff, Hilmar; Denzer, Dirk; Gruetzmann, Rudi; Wohlfeil, Stefan
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Eur. Pat. Appl., 69 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 764647	A1	19970326	EP 1996-114577	19960912
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				

DE 19535504	A1	19970327	DE 1995-19535504 19950925
US 5714494	A	19980203	US 1996-710503 19960918
JP 09216884	A2	19970819	JP 1996-267691 19960919
CA 2186086	AA	19970326	CA 1996-2186086 19960920

PRIORITY APPLN. INFO.: DE 1995-19535504 19950925

L20 ANSWER 127 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 189215-23-4 REGISTRY
ED Entered STN: 23 May 1997
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-[(2-methylphenyl)methyl]-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H16 N4 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

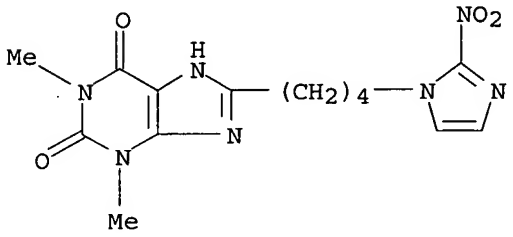
REFERENCE 1

ACCESSION NUMBER: 126:305588 CA
TITLE: Preparation of 4-(dioxopurinylmethyl)phenylacetates and analogs as hypolipemics
INVENTOR(S): Connell, Richard; Goldmann, Siegfried; Mueller, Ulrich; Lohmer, Stefan; Bischoff, Hilmar; Denzer, Dirk; Gruetzmann, Rudi; Wohlfeil, Stefan
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Eur. Pat. Appl., 69 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 764647	A1	19970326	EP 1996-114577	19960912
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
DE 19535504	A1	19970327	DE 1995-19535504	19950925
US 5714494	A	19980203	US 1996-710503	19960918
JP 09216884	A2	19970819	JP 1996-267691	19960919
CA 2186086	AA	19970326	CA 1996-2186086	19960920

PRIORITY APPLN. INFO.: DE 1995-19535504 19950925

L20 ANSWER 128 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 163435-93-6 REGISTRY
ED Entered STN: 01 Jun 1995
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-[4-(2-nitro-1H-imidazol-1-yl)butyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H17 N7 O4
SR CA
LC STN Files: CA, CAPLUS



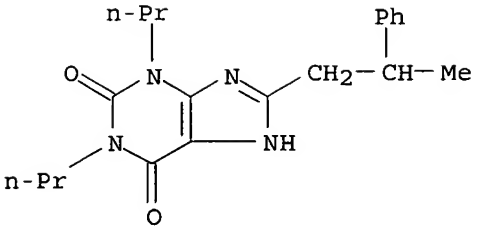
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:309889 CA
TITLE: Potential bioreductively activated hypoxia probes and post-irradiation radiosensitizers related to NITP
AUTHOR(S): Mehta, Lina K.; Monney, Hugh; Parrick, John; Hodgkiss, Richard J.
CORPORATE SOURCE: Chem. Dep., Brunel Univ., Middlesex, UB8 3PH, UK
SOURCE: Anti-Cancer Drug Design (1995), 10(3), 227-41
CODEN: ACDDEA; ISSN: 0266-9536
PUBLISHER: Oxford University Press
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 129 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 160919-41-5 REGISTRY
ED Entered STN: 17 Feb 1995
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(2-phenylpropyl)-1,3-dipropyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
DR 152772-70-8
MF C20 H26 N4 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:132850 CA
TITLE: Preparation of 8-substituted xanthines as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelsen L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals Inc., USA
SOURCE: PCT Int. Appl., 31 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9426744	A1	19941124	WO 1994-US4038	19940413
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2159989	AA	19941124	CA 1994-2159989	19940413
CA 2159989	C	19941124		
AU 9467032	A1	19941212	AU 1994-67032	19940413
AU 676323	B2	19970306		
EP 697020	A1	19960221	EP 1994-914770	19940413
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
HU 72327	A2	19960429	HU 1995-3154	19940413
CN 1122599	A	19960515	CN 1994-192005	19940413
CN 1043473	B	19990526		
JP 08509977	T2	19961022	JP 1994-525431	19940413
ZA 9403015	A	19950130	ZA 1994-3015	19940502
IL 109521	A1	19990922	IL 1994-109521	19940503
US 5734052	A	19980331	US 1995-553253	19951101
FI 9505257	A	19951102	FI 1995-5257	19951102
NO 9504399	A	19960108	NO 1995-4399	19951103
PRIORITY APPLN. INFO.:			US 1993-58523	19930506
			WO 1994-US4038	19940413

REFERENCE 2

ACCESSION NUMBER: 120:106635 CA

TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 130 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 159722-55-1 REGISTRY
ED Entered STN: 22 Dec 1994
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-[1-(phenylmethyl)propyl]-1,3-dipropyl- (9CI) (CA INDEX NAME)
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MF C21 H28 N4 O2
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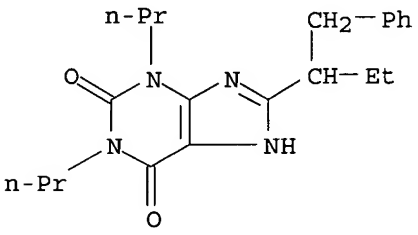
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:31546 CA
TITLE: Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S): Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127

W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU,

JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO,
RU, SD, SE, SK, UA, US, UZ, VN
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE,
BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG

CA 2155130	AA	19940901	CA 1994-2155130	19940127
CA 2155130	C	19940901		
AU 9462968	A1	19940914	AU 1994-62968	19940127
AU 680241	B2	19970724		
EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		

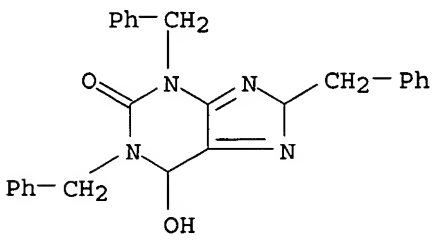
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE

CN 1118599	A	19960313	CN 1994-191309	19940127
CN 1041418	B	19981230		
HU 72677	A2	19960528	HU 1995-2495	19940127
JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226
			WO 1994-US1009	19940127

REFERENCE 2

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 131 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 148084-00-8 REGISTRY
ED Entered STN: 11 Jun 1993
CN 2H-Purin-2-one, 1,3,6,8-tetrahydro-6-hydroxy-1,3,8-tris(phenylmethyl)-
(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C26 H24 N4 O2
SR CA
LC STN Files: CA, CAPLUS, CHEMINFORMRX



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

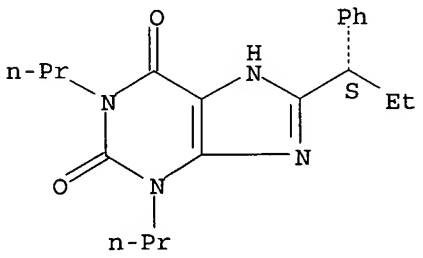
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 119:8766 CA
TITLE: Alkylation and covalent adduct formation of 2-oxopurine
AUTHOR(S): Gogoll, Adolf; Gundersen, Lise-Lotte; Rise, Frode; Valli, Mats
CORPORATE SOURCE: Dep. Org. Chem., Uppsala Univ., Uppsala, S-751 21, Swed.
SOURCE: Heterocycles (1993), 36(2), 231-5
CODEN: HTCYAM; ISSN: 0385-5414
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 132 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 137766-82-6 REGISTRY
ED Entered STN: 13 Dec 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-phenylpropyl)-1,3-dipropyl-, (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H26 N4 O2
SR CA
LC STN Files: ADISINSIGHT, BEILSTEIN*, CA, CAPLUS, CASREACT, PROUSDDR, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:31546 CA
TITLE: Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S): Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2155130	AA	19940901	CA 1994-2155130	19940127
CA 2155130	C	19940901		
AU 9462968	A1	19940914	AU 1994-62968	19940127
AU 680241	B2	19970724		
EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1118599	A	19960313	CN 1994-191309	19940127
CN 1041418	B	19981230		
HU 72677	A2	19960528	HU 1995-2495	19940127
JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226
			WO 1994-US1009	19940127

REFERENCE 2

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

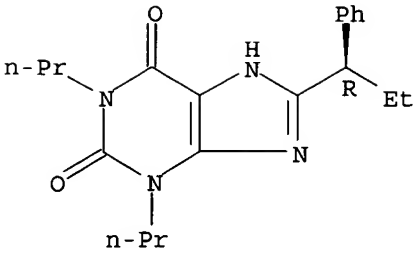
ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA

SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5047534	A	19910910	US 1990-499111	19900326
AU 9173537	A1	19911003	AU 1991-73537	19910319
AU 632914	B2	19930114		
ZA 9102038	A	19911224	ZA 1991-2038	19910319
CA 2038747	AA	19910927	CA 1991-2038747	19910321
CA 2038747	C	20020528		
IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325
FI 98461	B	19970314		
FI 98461	C	19970625		
NO 9101200	A	19910927	NO 1991-1200	19910325
NO 177591	B	19950710		
NO 177591	C	19951018		
HU 56570	A2	19910930	HU 1991-985	19910325
HU 208824	B	19940128		
EP 449175	A2	19911002	EP 1991-104668	19910325
EP 449175	A3	19930120		
EP 449175	B1	19970730		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
CN 1055181	A	19911009	CN 1991-101892	19910325
CN 1032815	B	19960918		
AT 156130	E	19970815	AT 1991-104668	19910325
ES 2107431	T3	19971201	ES 1991-104668	19910325
KR 195368	B1	19990615	KR 1991-4660	19910325
JP 04221384	A2	19920811	JP 1991-84512	19910326
JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

L20 ANSWER 133 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 137766-81-5 REGISTRY
ED Entered STN: 13 Dec 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-[(1R)-1-phenylpropyl]-1,3-dipropyl-
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-phenylpropyl)-1,3-dipropyl-, (R)-
OTHER NAMES:
CN MDL 102234
FS STEREOSEARCH
MF C20 H26 N4 O2
SR CA
LC STN Files: ADISINSIGHT, ADISNEWS, BEILSTEIN*, CA, CAPLUS, CASREACT,
MEDLINE, PHAR, PROUSDDR, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	130:246861 CA
TITLE:	Pyrazolopyridine derivatives act as competitive antagonists of brain adenosine A1 receptors: [35S]GTPγS binding studies
AUTHOR(S):	Ito, Harunobu; Maemoto, Takuya; Akahane, Atsushi; Butcher, Steven P.; Olverman, Henry J.; Finlayson, Keith
CORPORATE SOURCE:	Fujisawa Institute of Neuroscience, Japan
SOURCE:	European Journal of Pharmacology (1999), 365(2/3), 309-315 CODEN: EJPHAZ; ISSN: 0014-2999
PUBLISHER:	Elsevier Science B.V.
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

ACCESSION NUMBER:	129:118143 CA
TITLE:	Pharmacological characterization of a simple behavioral response mediated selectively by central adenosine A1 receptors, using in vivo and in vitro techniques
AUTHOR(S):	Marston, Hugh M.; Finlayson, Keith; Maemoto, Takuya; Olverman, Henry J.; Akahane, Atsushi; Sharkey, John; Butcher, Steven P.
CORPORATE SOURCE:	Fujisawa Institute of Neuroscience, University of Edinburgh, Edinburgh, UK
SOURCE:	Journal of Pharmacology and Experimental Therapeutics (1998), 285(3), 1023-1030 CODEN: JPETAB; ISSN: 0022-3565
PUBLISHER:	Williams & Wilkins
DOCUMENT TYPE:	Journal
LANGUAGE:	English
REFERENCE COUNT:	41 THERE ARE 41 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 3

ACCESSION NUMBER: 128:97575 CA
TITLE: Species differences in brain adenosine A1 receptor pharmacology revealed by use of xanthine and pyrazolopyridine based antagonists
AUTHOR(S): Maemoto, Takuya; Finlayson, Keith; Olverman, Henry J.; Akahane, Atsushi; Horton, Roger W.; Butcher, Steven P.
CORPORATE SOURCE: Fujisawa Institute of Neuroscience, University of Edinburgh, Edinburgh, EH8 9JZ, UK
SOURCE: British Journal of Pharmacology (1997), 122(6), 1202-1208
CODEN: BJPCBM; ISSN: 0007-1188
PUBLISHER: Stockton Press
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 4

ACCESSION NUMBER: 122:31546 CA
TITLE: Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S): Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2155130	AA	19940901	CA 1994-2155130	19940127
CA 2155130	C	19940901		
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AU 680241	B2	19970724		
EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		
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JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226

WO 1994-US1009 19940127

REFERENCE 5

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 6

ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5047534	A	19910910	US 1990-499111	19900326
AU 9173537	A1	19911003	AU 1991-73537	19910319
AU 632914	B2	19930114		
ZA 9102038	A	19911224	ZA 1991-2038	19910319
CA 2038747	AA	19910927	CA 1991-2038747	19910321
CA 2038747	C	20020528		
IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325
FI 98461	B	19970314		
FI 98461	C	19970625		
NO 9101200	A	19910927	NO 1991-1200	19910325
NO 177591	B	19950710		
NO 177591	C	19951018		
HU 56570	A2	19910930	HU 1991-985	19910325
HU 208824	B	19940128		
EP 449175	A2	19911002	EP 1991-104668	19910325
EP 449175	A3	19930120		
EP 449175	B1	19970730		
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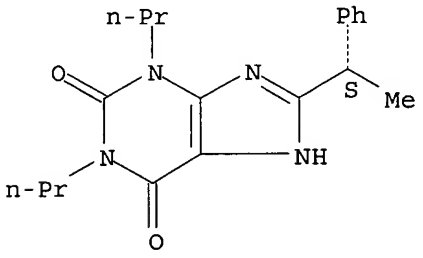
CN 1032815	B	19960918		
AT 156130	E	19970815	AT 1991-104668	19910325
ES 2107431	T3	19971201	ES 1991-104668	19910325
KR 195368	B1	19990615	KR 1991-4660	19910325
JP 04221384	A2	19920811	JP 1991-84512	19910326

JP 3181305 B2 20010703
PRIORITY APPLN. INFO.: US 1990-499111 19900326

L20 ANSWER 134 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 137706-76-4 REGISTRY
ED Entered STN: 06 Dec 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-phenylethyl)-1,3-dipropyl-, (S)-
(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H24 N4 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:31546 CA
TITLE: Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S): Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
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AU 9462968	A1	19940914	AU 1994-62968	19940127
AU 680241	B2	19970724		

EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1118599	A	19960313	CN 1994-191309	19940127
CN 1041418	B	19981230		
HU 72677	A2	19960528	HU 1995-2495	19940127
JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226
			WO 1994-US1009	19940127

REFERENCE 2

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5047534	A	19910910	US 1990-499111	19900326
AU 9173537	A1	19911003	AU 1991-73537	19910319
AU 632914	B2	19930114		
ZA 9102038	A	19911224	ZA 1991-2038	19910319
CA 2038747	AA	19910927	CA 1991-2038747	19910321
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IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325
FI 98461	B	19970314		
FI 98461	C	19970625		

NO 9101200	A	19910927	NO 1991-1200	19910325
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HU 56570	A2	19910930	HU 1991-985	19910325
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EP 449175	A2	19911002	EP 1991-104668	19910325
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CN 1055181	A	19911009	CN 1991-101892	19910325
CN 1032815	B	19960918		
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ES 2107431	T3	19971201	ES 1991-104668	19910325
KR 195368	B1	19990615	KR 1991-4660	19910325
JP 04221384	A2	19920811	JP 1991-84512	19910326
JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

L20 ANSWER 135 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 137685-70-2 REGISTRY
ED Entered STN: 06 Dec 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(1-methyl-2-phenylethyl)-
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(1-methyl-2-phenylethyl)-,
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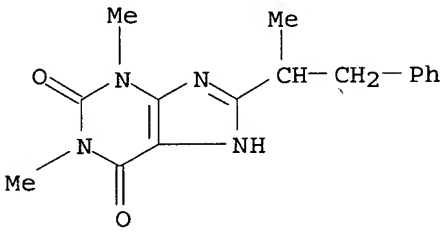
LC STN Files: CA, CAPLUS, USPATFULL



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2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	122:31546 CA
TITLE:	Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S):	Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S):	Merrell Dow Pharmaceuticals, Inc., USA
SOURCE:	PCT Int. Appl., 62 pp. CODEN: PIXXD2
DOCUMENT TYPE:	Patent

LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
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JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226
			WO 1994-US1009	19940127

REFERENCE 2

ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5047534	A	19910910	US 1990-499111	19900326
AU 9173537	A1	19911003	AU 1991-73537	19910319
AU 632914	B2	19930114		
ZA 9102038	A	19911224	ZA 1991-2038	19910319
CA 2038747	AA	19910927	CA 1991-2038747	19910321
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IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325
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FI 98461	C	19970625		
NO 9101200	A	19910927	NO 1991-1200	19910325
NO 177591	B	19950710		
NO 177591	C	19951018		
HU 56570	A2	19910930	HU 1991-985	19910325
HU 208824	B	19940128		
EP 449175	A2	19911002	EP 1991-104668	19910325
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CN 1032815	B	19960918		
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JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

L20 ANSWER 136 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 137685-69-9 REGISTRY
ED Entered STN: 06 Dec 1991
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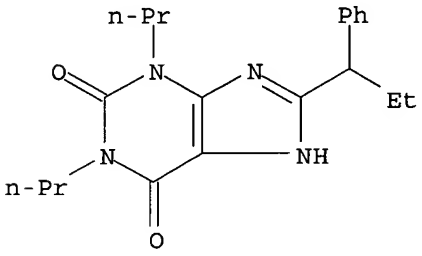
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-phenylpropyl)-1,3-dipropyl-, (±)-
DR 131080-40-5
MF C20 H26 N4 O2
SR CA
LC STN Files: ADISINSIGHT, BEILSTEIN*, CA, CAPLUS, CASREACT, PROUSDDR, USPATFULL
(*File contains numerically searchable property data)



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4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	122:31546 CA
TITLE:	Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S):	Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S):	Merrell Dow Pharmaceuticals, Inc., USA

SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
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RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
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AU 680241	B2	19970724		
EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		
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CN 1041418	B	19981230		
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JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226
			WO 1994-US1009	19940127

REFERENCE 2

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA

SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5047534	A	19910910	US 1990-499111	19900326
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AU 632914	B2	19930114		
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CA 2038747	AA	19910927	CA 1991-2038747	19910321
CA 2038747	C	20020528		
IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325
FI 98461	B	19970314		
FI 98461	C	19970625		
NO 9101200	A	19910927	NO 1991-1200	19910325
NO 177591	B	19950710		
NO 177591	C	19951018		
HU 56570	A2	19910930	HU 1991-985	19910325
HU 208824	B	19940128		
EP 449175	A2	19911002	EP 1991-104668	19910325
EP 449175	A3	19930120		
EP 449175	B1	19970730		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
CN 1055181	A	19911009	CN 1991-101892	19910325
CN 1032815	B	19960918		
AT 156130	E	19970815	AT 1991-104668	19910325
ES 2107431	T3	19971201	ES 1991-104668	19910325
KR 195368	B1	19990615	KR 1991-4660	19910325
JP 04221384	A2	19920811	JP 1991-84512	19910326
JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

REFERENCE 4

ACCESSION NUMBER: 114:61823 CA
TITLE: 8-(Dicyclopropylmethyl)-1,3-dipropylxanthine: a potent and selective adenosine A1 antagonist with renal protective and diuretic activities
AUTHOR(S): Shimada, Junichi; Suzuki, Fumio; Nonaka, Hiromi; Karasawa, Akira; Mizumoto, Hideaki; Ohno, Tetsuji; Kubo, Kazuhiro; Ishii, Akio
CORPORATE SOURCE: Pharm. Res. Lab., Kyowa Hakko Kogyo Co., Ltd., Sunto, 411, Japan
SOURCE: Journal of Medicinal Chemistry (1991), 34(1), 466-9
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 137 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 137685-66-6 REGISTRY
ED Entered STN: 06 Dec 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-phenylethyl)-1,3-dipropyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD

DR 152884-17-8
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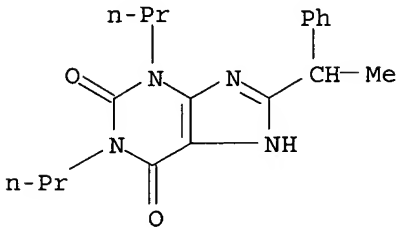
LC STN Files: CA, CAPLUS, USPATFULL



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3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:31546 CA
TITLE: Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S): Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
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RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2155130	AA	19940901	CA 1994-2155130	19940127
CA 2155130	C	19940901		
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AU 680241	B2	19970724		
EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1118599	A	19960313	CN 1994-191309	19940127
CN 1041418	B	19981230		
HU 72677	A2	19960528	HU 1995-2495	19940127
JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221

IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
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PRIORITY APPLN. INFO.:			US 1993-23501	19930226
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REFERENCE 2

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5047534	A	19910910	US 1990-499111	19900326
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AU 632914	B2	19930114		
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CA 2038747	AA	19910927	CA 1991-2038747	19910321
CA 2038747	C	20020528		
IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325
FI 98461	B	19970314		
FI 98461	C	19970625		
NO 9101200	A	19910927	NO 1991-1200	19910325
NO 177591	B	19950710		
NO 177591	C	19951018		
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HU 208824	B	19940128		
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EP 449175	A3	19930120		
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JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

L20 ANSWER 138 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 137685-65-5 REGISTRY
ED Entered STN: 06 Dec 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-phenylethyl)-1,3-di-2-propenyl-(9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H20 N4 O2
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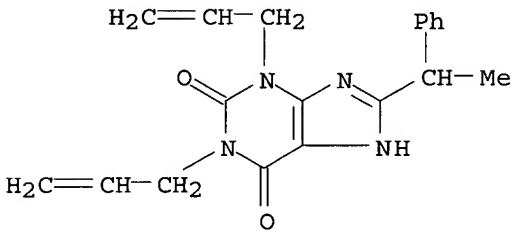
LC STN Files: CA, CAPLUS, USPATFULL



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2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:31546 CA
TITLE: Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S): Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
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CA 2155130	C	19940901		
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EP 686155	A1	19951213	EP 1994-910661	19940127
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HU 72677	A2	19960528	HU 1995-2495	19940127
JP 08512281	T2	19961224	JP 1994-518986	19940127
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ZA 9401176	A	19940920	ZA 1994-1176	19940221
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NO 9503353	A	19950825	NO 1995-3353	19950825
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PRIORITY APPLN. INFO.:			US 1993-23501	19930226
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REFERENCE 2

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SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
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FAMILY ACC. NUM. COUNT: 1
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ES 2107431	T3	19971201	ES 1991-104668	19910325
KR 195368	B1	19990615	KR 1991-4660	19910325
JP 04221384	A2	19920811	JP 1991-84512	19910326
JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

L20 ANSWER 139 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 137685-64-4 REGISTRY
ED Entered STN: 06 Dec 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-[1-(phenylmethyl)butyl]-1,3-dipropyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
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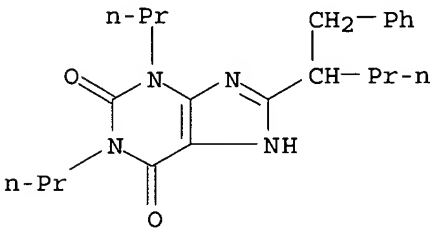
MF C22 H30 N4 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:31546 CA
TITLE: Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S): Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2155130	AA	19940901	CA 1994-2155130	19940127
CA 2155130	C	19940901		

AU 9462968	A1	19940914	AU 1994-62968	19940127
AU 680241	B2	19970724		
EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1118599	A	19960313	CN 1994-191309	19940127
CN 1041418	B	19981230		
HU 72677	A2	19960528	HU 1995-2495	19940127
JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226
			WO 1994-US1009	19940127

REFERENCE 2

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

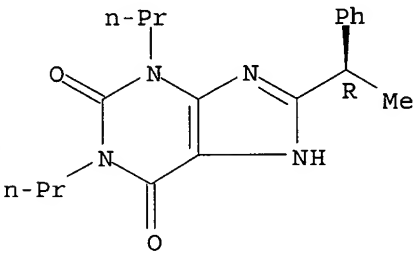
ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5047534	A	19910910	US 1990-499111	19900326
AU 9173537	A1	19911003	AU 1991-73537	19910319
AU 632914	B2	19930114		
ZA 9102038	A	19911224	ZA 1991-2038	19910319
CA 2038747	AA	19910927	CA 1991-2038747	19910321
CA 2038747	C	20020528		
IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325

FI 98461	B	19970314		
FI 98461	C	19970625		
NO 9101200	A	19910927	NO 1991-1200	19910325
NO 177591	B	19950710		
NO 177591	C	19951018		
HU 56570	A2	19910930	HU 1991-985	19910325
HU 208824	B	19940128		
EP 449175	A2	19911002	EP 1991-104668	19910325
EP 449175	A3	19930120		
EP 449175	B1	19970730		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
CN 1055181	A	19911009	CN 1991-101892	19910325
CN 1032815	B	19960918		
AT 156130	E	19970815	AT 1991-104668	19910325
ES 2107431	T3	19971201	ES 1991-104668	19910325
KR 195368	B1	19990615	KR 1991-4660	19910325
JP 04221384	A2	19920811	JP 1991-84512	19910326
JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

L20 ANSWER 140 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 137685-63-3 REGISTRY
ED Entered STN: 06 Dec 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-phenylethyl)-1,3-dipropyl-, (R)-
(9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C19 H24 N4 O2
SR CA
LC STN Files: CA, CAPLUS, CASREACT, USPATFULL

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	122:31546 CA
TITLE:	Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S):	Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S):	Merrell Dow Pharmaceuticals, Inc., USA
SOURCE:	PCT Int. Appl., 62 pp. CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2155130	AA	19940901	CA 1994-2155130	19940127
CA 2155130	C	19940901		
AU 9462968	A1	19940914	AU 1994-62968	19940127
AU 680241	B2	19970724		
EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		
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CN 1041418	B	19981230		
HU 72677	A2	19960528	HU 1995-2495	19940127
JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226
			WO 1994-US1009	19940127

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ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: U.S., 15 pp.
CODEN: USXXAM

DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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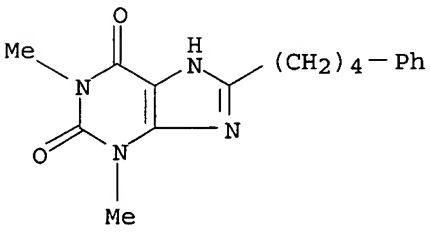
AU 632914	B2	19930114		
ZA 9102038	A	19911224	ZA 1991-2038	19910319
CA 2038747	AA	19910927	CA 1991-2038747	19910321
CA 2038747	C	20020528		
IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325
FI 98461	B	19970314		
FI 98461	C	19970625		
NO 9101200	A	19910927	NO 1991-1200	19910325
NO 177591	B	19950710		
NO 177591	C	19951018		
HU 56570	A2	19910930	HU 1991-985	19910325
HU 208824	B	19940128		
EP 449175	A2	19911002	EP 1991-104668	19910325
EP 449175	A3	19930120		
EP 449175	B1	19970730		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
CN 1055181	A	19911009	CN 1991-101892	19910325
CN 1032815	B	19960918		
AT 156130	E	19970815	AT 1991-104668	19910325
ES 2107431	T3	19971201	ES 1991-104668	19910325
KR 195368	B1	19990615	KR 1991-4660	19910325
JP 04221384	A2	19920811	JP 1991-84512	19910326
JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

L20 ANSWER 141 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 136420-19-4 REGISTRY
ED Entered STN: 28 Sep 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(4-phenylbutyl)- (9CI)
(CA INDEX NAME)
FS 3D CONCORD
MF C17 H20 N4 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 115:182959 CA
TITLE: Preparation of xanthine derivatives as angiotensin II antagonists
INVENTOR(S): Morimoto, Akira; Nishikawa, Kohei
PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Eur. Pat. Appl., 38 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 430300	A2	19910605	EP 1990-123013	19901130
EP 430300	A3	19920325		
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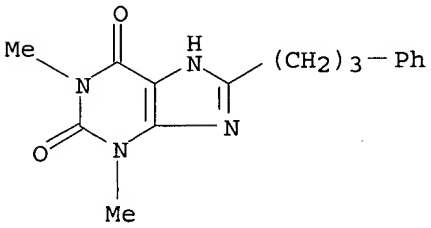
JP 03223284	A2	19911002	JP 1990-338861	19901130
CA 2031328	AA	19910602	CA 1990-2031328	19901203

PRIORITY APPLN. INFO.: JP 1989-313918 19891201

L20 ANSWER 142 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 136420-17-2 REGISTRY
ED Entered STN: 28 Sep 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(3-phenylpropyl)- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C16 H18 N4 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 115:182959 CA
TITLE: Preparation of xanthine derivatives as angiotensin II antagonists
INVENTOR(S): Morimoto, Akira; Nishikawa, Kohei

PATENT ASSIGNEE(S): Takeda Chemical Industries, Ltd., Japan
SOURCE: Eur. Pat. Appl., 38 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 430300	A2	19910605	EP 1990-123013	19901130
EP 430300	A3	19920325		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 03223284	A2	19911002	JP 1990-338861	19901130
CA 2031328	AA	19910602	CA 1990-2031328	19901203
PRIORITY APPLN. INFO.:			JP 1989-313918	19891201

L20 ANSWER 143 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 136199-01-4 REGISTRY
ED Entered STN: 20 Sep 1991
CN 1H-Purine-2,6-dione, 8-[(2-amino-4-thiazolyl)methyl]-3,7-dihydro-1,3-dipropyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
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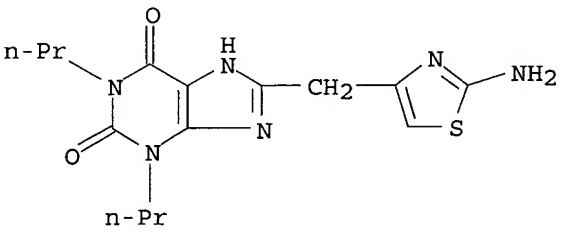
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 121:300909 CA
TITLE: Xanthine derivatives
INVENTOR(S): Suzuki, Fumio; Shimada, Junichi; Ishii, Akio; Ohno, Tetsuji; Karasawa, Akira; Kubo, Kazuhiro; Nonaka, Hiromi
PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Japan
SOURCE: U.S., 22 pp. Cont.-in-part of U.S. Ser No. 574,447, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5290782	A	19940301	US 1992-839690	19920224
US 5525607	A	19960611	US 1993-63684	19930520
PRIORITY APPLN. INFO.:			JP 1989-226642	19890901
			US 1990-574447	19900829
			JP 1991-29796	19910225
			US 1992-839690	19920224

REFERENCE 2

ACCESSION NUMBER: 115:158836 CA
TITLE: Preparation and formulation of 8-(polycycloalkyl)xanthines and analogs as adenosine A1 receptor antagonists
INVENTOR(S): Suzuki, Fumio; Shimada, Junichi; Ishii, Akio; Ohno, Tetsuji; Karasawa, Akira; Kubo, Kazuhiro; Nonaka, Hiromi
PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 45 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 415456	A2	19910306	EP 1990-116791	19900831
EP 415456	A3	19910529		
EP 415456	B1	19960626		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 03173889	A2	19910729	JP 1990-228941	19900830
JP 06102662	B4	19941214		
CA 2024381	AA	19910302	CA 1990-2024381	19900831
CA 2024381	C	19970107		
AT 139778	E	19960715	AT 1990-116791	19900831
ES 2091212	T3	19961101	ES 1990-116791	19900831
PRIORITY APPLN. INFO.:			JP 1989-226642	19890901

L20 ANSWER 144 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 136198-97-5 REGISTRY
ED Entered STN: 20 Sep 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-[1-methyl-2-(2-methyl-4-thiazolyl)ethyl]-1,3-dipropyl- (9CI) (CA INDEX NAME)
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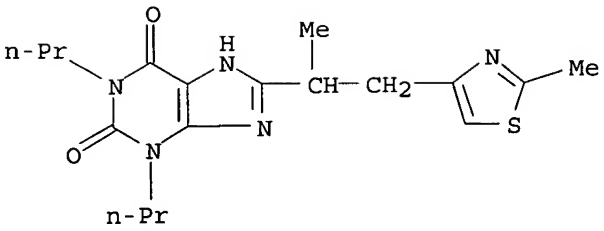
LC STN Files: CA, CAPLUS, USPATFULL



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 121:300909 CA
TITLE: Xanthine derivatives
INVENTOR(S): Suzuki, Fumio; Shimada, Junichi; Ishii, Akio; Ohno, Tetsuji; Karasawa, Akira; Kubo, Kazuhiro; Nonaka, Hiromi
PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Japan
SOURCE: U.S., 22 pp. Cont.-in-part of U.S. Ser No. 574,447, abandoned.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5290782	A	19940301	US 1992-839690	19920224
US 5525607	A	19960611	US 1993-63684	19930520
PRIORITY APPLN. INFO.:			JP 1989-226642	19890901
			US 1990-574447	19900829
			JP 1991-29796	19910225
			US 1992-839690	19920224

REFERENCE 2

ACCESSION NUMBER: 115:158836 CA
TITLE: Preparation and formulation of 8-(polycycloalkyl)xanthines and analogs as adenosine A1 receptor antagonists
INVENTOR(S): Suzuki, Fumio; Shimada, Junichi; Ishii, Akio; Ohno, Tetsuji; Karasawa, Akira; Kubo, Kazuhiro; Nonaka, Hiromi
PATENT ASSIGNEE(S): Kyowa Hakko Kogyo Co., Ltd., Japan
SOURCE: Eur. Pat. Appl., 45 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

EP 415456	A2	19910306	EP 1990-116791	19900831
EP 415456	A3	19910529		
EP 415456	B1	19960626		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 03173889	A2	19910729	JP 1990-228941	19900830
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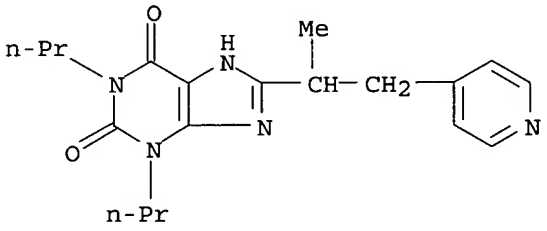
CA 2024381	AA	19910302	CA 1990-2024381	19900831
CA 2024381	C	19970107		
AT 139778	E	19960715	AT 1990-116791	19900831
ES 2091212	T3	19961101	ES 1990-116791	19900831
PRIORITY APPLN. INFO.:			JP 1989-226642	19890901

L20 ANSWER 145 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 136198-96-4 REGISTRY
ED Entered STN: 20 Sep 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-[1-methyl-2-(4-pyridinyl)ethyl]-1,3-dipropyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H25 N5 O2
SR CA
LC STN Files: CA, CAPLUS, USPATFULL



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INVENTOR(S): Suzuki, Fumio; Shimada, Junichi; Ishii, Akio; Ohno, Tetsuji; Karasawa, Akira; Kubo, Kazuhiro; Nonaka, Hiromi
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LANGUAGE: English
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EP 415456	B1	19960626		
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JP 06102662	B4	19941214		
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CA 2024381	C	19970107		
AT 139778	E	19960715	AT 1990-116791	19900831
ES 2091212	T3	19961101	ES 1990-116791	19900831
PRIORITY APPLN. INFO.:			JP 1989-226642	19890901

L20 ANSWER 146 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 132940-41-1 REGISTRY
ED Entered STN: 29 Mar 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-1-methyl-8-(2-phenylethyl)-3-propyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C17 H20 N4 O2
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LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
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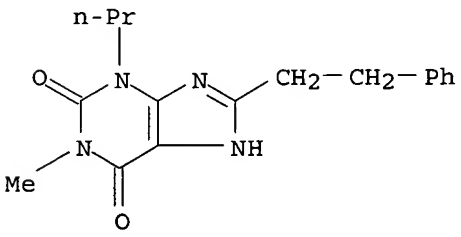

PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 116:151416 CA
TITLE: 1,3,8-Trisubstituted xanthines. Effects of substitution pattern upon adenosine receptor A1/A2 affinity [Erratum to document cited in CA114(19):185119j]
AUTHOR(S): Erickson, Ronald H.; Hiner, Roger N.; Feeney, Scott W.; Blake, Paul R.; Rzeszotarski, Waclaw J.; Hicks, Rickey P.; Costello, Diane G.; Abreu, Mary E.
CORPORATE SOURCE: Nova Pharm. Corp., Baltimore, MD, 21224, USA
SOURCE: Journal of Medicinal Chemistry (1991), 34(12), 3405
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 2

ACCESSION NUMBER: 114:185119 CA
TITLE: 1,3,8-Trisubstituted xanthines. Effects of substitution pattern upon adenosine receptor A1/A2 affinity
AUTHOR(S): Erickson, Ronald H.; Hiner, Roger N.; Feeney, Scott W.; Blake, Paul R.; Rzeszotarski, Waclaw J.; Hicks, Rickey P.; Costello, Diane G.; Abreu, Mary E.
CORPORATE SOURCE: Nova Pharm. Corp., Baltimore, MD, 21224, USA
SOURCE: Journal of Medicinal Chemistry (1991), 34(4), 1431-5
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 147 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 132940-40-0 REGISTRY
ED Entered STN: 29 Mar 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-3-methyl-8-(2-phenylethyl)-1-propyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
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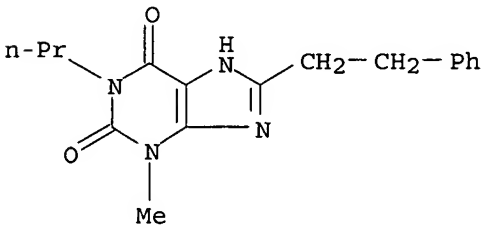


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

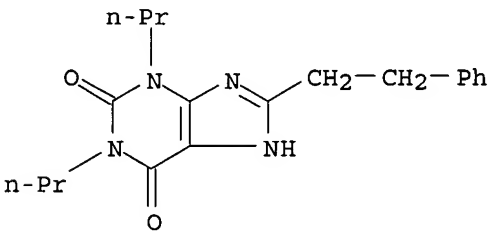
REFERENCE 1

ACCESSION NUMBER: 116:151416 CA
TITLE: 1,3,8-Trisubstituted xanthines. Effects of substitution pattern upon adenosine receptor A1/A2 affinity [Erratum to document cited in CA114(19):185119j]
AUTHOR(S): Erickson, Ronald H.; Hiner, Roger N.; Feeney, Scott W.; Blake, Paul R.; Rzeszotarski, Waclaw J.; Hicks, Rickey P.; Costello, Diane G.; Abreu, Mary E.
CORPORATE SOURCE: Nova Pharm. Corp., Baltimore, MD, 21224, USA
SOURCE: Journal of Medicinal Chemistry (1991), 34(12), 3405
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 2

ACCESSION NUMBER: 114:185119 CA
TITLE: 1,3,8-Trisubstituted xanthines. Effects of substitution pattern upon adenosine receptor A1/A2 affinity
AUTHOR(S): Erickson, Ronald H.; Hiner, Roger N.; Feeney, Scott W.; Blake, Paul R.; Rzeszotarski, Waclaw J.; Hicks, Rickey P.; Costello, Diane G.; Abreu, Mary E.
CORPORATE SOURCE: Nova Pharm. Corp., Baltimore, MD, 21224, USA
SOURCE: Journal of Medicinal Chemistry (1991), 34(4), 1431-5
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 148 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 132940-39-7 REGISTRY
ED Entered STN: 29 Mar 1991
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(2-phenylethyl)-1,3-dipropyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C19 H24 N4 O2
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 117:19919 CA
TITLE: (E)-1,3-Dialkyl-7-methyl-8-(3,4,5-trimethoxystyryl)xanthines: potent and selective adenosine A2 antagonists
AUTHOR(S): Shimada, Junichi; Suzuki, Fumio; Nonaka, Hiromi; Ishii, Akio; Ichikawa, Shunji
CORPORATE SOURCE: Pharm. Res. Lab., Kyowa Hakko Kogyo Co., Ltd., Nagaizumicho, Japan
SOURCE: Journal of Medicinal Chemistry (1992), 35(12), 2342-5
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 2

ACCESSION NUMBER: 116:151416 CA
TITLE: 1,3,8-Trisubstituted xanthines. Effects of substitution pattern upon adenosine receptor A1/A2 affinity [Erratum to document cited in CA114(19):185119j]
AUTHOR(S): Erickson, Ronald H.; Hiner, Roger N.; Feeney, Scott W.; Blake, Paul R.; Rzeszotarski, Waclaw J.; Hicks, Rickey P.; Costello, Diane G.; Abreu, Mary E.
CORPORATE SOURCE: Nova Pharm. Corp., Baltimore, MD, 21224, USA
SOURCE: Journal of Medicinal Chemistry (1991), 34(12), 3405
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

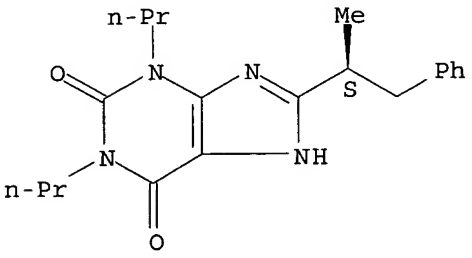
REFERENCE 3

ACCESSION NUMBER: 114:185119 CA
TITLE: 1,3,8-Trisubstituted xanthines. Effects of substitution pattern upon adenosine receptor A1/A2 affinity
AUTHOR(S): Erickson, Ronald H.; Hiner, Roger N.; Feeney, Scott W.; Blake, Paul R.; Rzeszotarski, Waclaw J.; Hicks, Rickey P.; Costello, Diane G.; Abreu, Mary E.
CORPORATE SOURCE: Nova Pharm. Corp., Baltimore, MD, 21224, USA
SOURCE: Journal of Medicinal Chemistry (1991), 34(4), 1431-5
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 149 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 130324-53-7 REGISTRY
ED Entered STN: 09 Nov 1990
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-methyl-2-phenylethyl)-1,3-dipropyl-, (S)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H26 N4 O2

SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, IMSRESEARCH, PROUSDDR, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

5 REFERENCES IN FILE CA (1907 TO DATE)
5 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:31546 CA
TITLE: Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S): Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
CA 2155130	AA	19940901	CA 1994-2155130	19940127
CA 2155130	C	19940901		
AU 9462968	A1	19940914	AU 1994-62968	19940127
AU 680241	B2	19970724		
EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1118599	A	19960313	CN 1994-191309	19940127
CN 1041418	B	19981230		
HU 72677	A2	19960528	HU 1995-2495	19940127
JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127

ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226
			WO 1994-US1009	19940127

REFERENCE 2

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

ACCESSION NUMBER: 116:98892 CA
TITLE: A steric and electrostatic comparison of three models for the agonist/antagonist binding site on the adenosine A1 receptor
AUTHOR(S): Van der Wenden, Eleonora M.; IJzerman, Adriaan P.; Soudijn, Willem
CORPORATE SOURCE: Div. Med. Chem., Cent. Bio-Pharm. Sci., Leiden, 2300 RA, Neth.
SOURCE: Journal of Medicinal Chemistry (1992), 35(4), 629-35
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 4

ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5047534	A	19910910	US 1990-499111	19900326
AU 9173537	A1	19911003	AU 1991-73537	19910319
AU 632914	B2	19930114		

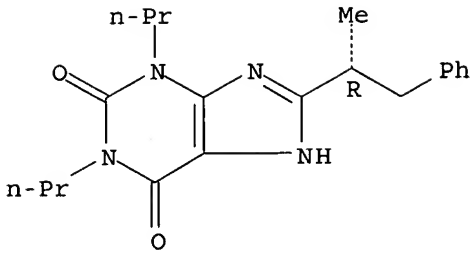
ZA 9102038	A	19911224	ZA 1991-2038	19910319
CA 2038747	AA	19910927	CA 1991-2038747	19910321
CA 2038747	C	20020528		
IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325
FI 98461	B	19970314		
FI 98461	C	19970625		
NO 9101200	A	19910927	NO 1991-1200	19910325
NO 177591	B	19950710		
NO 177591	C	19951018		
HU 56570	A2	19910930	HU 1991-985	19910325
HU 208824	B	19940128		
EP 449175	A2	19911002	EP 1991-104668	19910325
EP 449175	A3	19930120		
EP 449175	B1	19970730		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
CN 1055181	A	19911009	CN 1991-101892	19910325
CN 1032815	B	19960918		
AT 156130	E	19970815	AT 1991-104668	19910325
ES 2107431	T3	19971201	ES 1991-104668	19910325
KR 195368	B1	19990615	KR 1991-4660	19910325
JP 04221384	A2	19920811	JP 1991-84512	19910326
JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

REFERENCE 5

ACCESSION NUMBER: 114:6142 CA
TITLE: A novel synthesis of xanthines: support for a new binding mode for xanthines with respect to adenosine at adenosine receptors
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Meng, Elaine C.; Dudley, Mark W.; Ogden, Ann Marie L.; Demeter, David A.; Weintraub, Herschel J. R.; Bey, Philippe
CORPORATE SOURCE: Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1990), 33(12), 3127-30
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 150 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 130324-52-6 REGISTRY
ED Entered STN: 09 Nov 1990
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-methyl-2-phenylethyl)-1,3-dipropyl-, (R)- (9CI) (CA INDEX NAME)
FS STEREOSEARCH
MF C20 H26 N4 O2
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, IMSDRUGNEWS, IMSRESEARCH, PROUSDDR, USPATFULL
(*File contains numerically searchable property data)

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1907 TO DATE)
6 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 122:31546 CA
TITLE: Preparation of xanthine-derivative adenosine A1 receptor antagonists
INVENTOR(S): Hitchcock, Janice M.; Sorenson, Stephen M.; Dudley, Mark W.; Peet, Norton P.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: PCT Int. Appl., 62 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9419349	A1	19940901	WO 1994-US1009	19940127
W: AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, ES, FI, GB, HU, JP, KP, KR, KZ, LK, LU, LV, MG, MN, MW, NL, NO, NZ, PL, PT, RO, RU, SD, SE, SK, UA, US, UZ, VN				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
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CA 2155130	C	19940901		
AU 9462968	A1	19940914	AU 1994-62968	19940127
AU 680241	B2	19970724		
EP 686155	A1	19951213	EP 1994-910661	19940127
EP 686155	B1	19980729		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
CN 1118599	A	19960313	CN 1994-191309	19940127
CN 1041418	B	19981230		
HU 72677	A2	19960528	HU 1995-2495	19940127
JP 08512281	T2	19961224	JP 1994-518986	19940127
AT 169019	E	19980815	AT 1994-910661	19940127
ES 2120025	T3	19981016	ES 1994-910661	19940127
ZA 9401176	A	19940920	ZA 1994-1176	19940221
IL 108750	A1	20000928	IL 1994-108750	19940223
NO 9503353	A	19950825	NO 1995-3353	19950825
NO 311920	B1	20020218		
US 5840729	A	19981124	US 1995-500991	19951218
PRIORITY APPLN. INFO.:			US 1993-23501	19930226

REFERENCE 2

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

ACCESSION NUMBER: 116:98892 CA
TITLE: A steric and electrostatic comparison of three models for the agonist/antagonist binding site on the adenosine A1 receptor
AUTHOR(S): Van der Wenden, Eleonora M.; IJzerman, Adriaan P.; Soudijn, Willem
CORPORATE SOURCE: Div. Med. Chem., Cent. Bio-Pharm. Sci., Leiden, 2300 RA, Neth.
SOURCE: Journal of Medicinal Chemistry (1992), 35(4), 629-35
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 4

ACCESSION NUMBER: 116:51717 CA
TITLE: The three binding domain model of adenosine receptors: molecular modeling aspects
AUTHOR(S): Dooley, Michael J.; Quinn, Ronald J.
CORPORATE SOURCE: Div. Sci. Technol., Griffith Univ., Brisbane, 4111, Australia
SOURCE: Journal of Medicinal Chemistry (1992), 35(2), 211-16
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 5

ACCESSION NUMBER: 116:6578 CA
TITLE: Preparation of 8-phenethyl- and 8-indon-2-yl-3,7-dihydro-1H-purine-2,6-diones as selective adenosine receptor agents
INVENTOR(S): Peet, Norton P.; Lentz, Nelson L.
PATENT ASSIGNEE(S): Merrell Dow Pharmaceuticals, Inc., USA
SOURCE: U.S., 15 pp.
CODEN: USXXAM
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 5047534	A	19910910	US 1990-499111	19900326
AU 9173537	A1	19911003	AU 1991-73537	19910319
AU 632914	B2	19930114		
ZA 9102038	A	19911224	ZA 1991-2038	19910319
CA 2038747	AA	19910927	CA 1991-2038747	19910321
CA 2038747	C	20020528		
IL 97656	A1	19960618	IL 1991-97656	19910322
FI 9101420	A	19910927	FI 1991-1420	19910325
FI 98461	B	19970314		
FI 98461	C	19970625		
NO 9101200	A	19910927	NO 1991-1200	19910325
NO 177591	B	19950710		
NO 177591	C	19951018		
HU 56570	A2	19910930	HU 1991-985	19910325
HU 208824	B	19940128		
EP 449175	A2	19911002	EP 1991-104668	19910325
EP 449175	A3	19930120		
EP 449175	B1	19970730		
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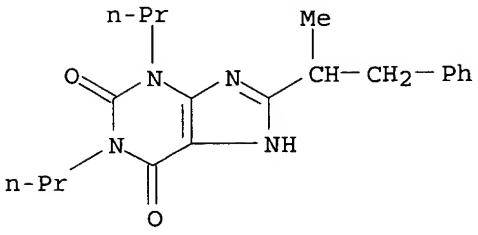
CN 1032815	B	19960918		
AT 156130	E	19970815	AT 1991-104668	19910325
ES 2107431	T3	19971201	ES 1991-104668	19910325
KR 195368	B1	19990615	KR 1991-4660	19910325
JP 04221384	A2	19920811	JP 1991-84512	19910326
JP 3181305	B2	20010703		
PRIORITY APPLN. INFO.:			US 1990-499111	19900326

REFERENCE 6

ACCESSION NUMBER: 114:6142 CA
TITLE: A novel synthesis of xanthines: support for a new binding mode for xanthines with respect to adenosine at adenosine receptors
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Meng, Elaine C.; Dudley, Mark W.; Ogden, Ann Marie L.; Demeter, David A.; Weintraub, Herschel J. R.; Bey, Philippe
CORPORATE SOURCE: Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1990), 33(12), 3127-30
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 151 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 130277-36-0 REGISTRY
ED Entered STN: 09 Nov 1990
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-methyl-2-phenylethyl)-1,3-dipropyl-
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(1-methyl-2-phenylethyl)-1,3-dipropyl-,
(±)-
FS 3D CONCORD
DR 131080-38-1
MF C20 H26 N4 O2
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, CHEMINFORMRX, IMSRESEARCH,

PROUSDDR
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 120:106635 CA
TITLE: Xanthines with C8 chiral substituents as potent and selective adenosine A1 antagonists
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Dudley, Mark W.; Ogden, Ann Marie L.; McCarty, Deborah R.; Racke, Margaret M.
CORPORATE SOURCE: Marion Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1993), 36(25), 4015-20
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 2

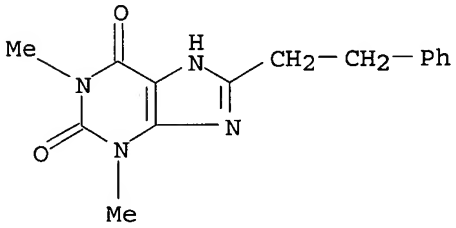
ACCESSION NUMBER: 114:61823 CA
TITLE: 8-(Dicyclopropylmethyl)-1,3-dipropylxanthine: a potent and selective adenosine A1 antagonist with renal protective and diuretic activities
AUTHOR(S): Shimada, Junichi; Suzuki, Fumio; Nonaka, Hiromi; Karasawa, Akira; Mizumoto, Hideaki; Ohno, Tetsuji; Kubo, Kazuhiro; Ishii, Akio
CORPORATE SOURCE: Pharm. Res. Lab., Kyowa Hakko Kogyo Co., Ltd., Sunto, 411, Japan
SOURCE: Journal of Medicinal Chemistry (1991), 34(1), 466-9
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

ACCESSION NUMBER: 114:6142 CA
TITLE: A novel synthesis of xanthines: support for a new binding mode for xanthines with respect to adenosine at adenosine receptors
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Meng, Elaine C.; Dudley, Mark W.; Ogden, Ann Marie L.; Demeter, David

A.; Weintraub, Herschel J. R.; Bey, Philippe
CORPORATE SOURCE: Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1990), 33(12), 3127-30
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 152 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 126235-09-4 REGISTRY
ED Entered STN: 06 Apr 1990
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(2-phenylethyl)- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 14319
FS 3D CONCORD
MF C15 H16 N4 O2
SR CA
LC STN Files: BEILSTEIN*, CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

10 REFERENCES IN FILE CA (1907 TO DATE)
10 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 142:101178 CA
TITLE: Determination of the lipophilicity of xanthines by reversed-phase liquid chromatography
AUTHOR(S): Gondova, Tatana; Vincova, Milena; Florian, Karol
CORPORATE SOURCE: Faculty of Sciences, Department Physical and Analytical Chemistry, P.J. Safarik University, Kosice, 040 01, Slovakia
SOURCE: Journal of Planar Chromatography--Modern TLC (2004), 17(2), 156-158
CODEN: JPCTE5; ISSN: 0933-4173
PUBLISHER: Research Institute for Medicinal Plants
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

ACCESSION NUMBER: 141:225195 CA
TITLE: Determination of the lipophilicity of some purines by

reversed-phase liquid chromatography
AUTHOR(S): Gondova, Tat'ana; Durd'akova, Dasa
CORPORATE SOURCE: Faculty of Sciences, Department of Physical and Analytical Chemistry, P. J. Safarik University, Kosice, SK-040 01, Slovakia
SOURCE: Transactions of the Universities of Kosice (2003), (3), 62-64
CODEN: TUKRAA
PUBLISHER: Technical University of Kosice
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 3

ACCESSION NUMBER: 141:99661 CA
TITLE: Identification of compounds suitable as agonists and/or antagonists of adenosine A2A receptor coupled to specific G proteins, and use of identified compounds in treatment of various disorders in mammals
INVENTOR(S): Fredholm, Bertil B.; Kull, Bjoern
PATENT ASSIGNEE(S): Actar Ab, Swed.
SOURCE: PCT Int. Appl., 22 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004058974	A1	20040715	WO 2003-SE2086	20031229

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2002-436480P 20021227

REFERENCE 4

ACCESSION NUMBER: 140:87658 CA
TITLE: Peptidomimetic modulators of cell adhesion
INVENTOR(S): Gour, Barbara J.; Blaschuk, Orest W.; Ali, Anmar; Ni, Feng; Chen, Zhigang; Michaud, Stephanie Denise; Wang, Shaomeng; Hu, Zengjian
PATENT ASSIGNEE(S): Can.
SOURCE: U.S. Pat. Appl. Publ., 280 pp., Cont.-in-part of U.S. Ser. No. 6,982.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 15

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2004006011	A1	20040108	US 2003-425557	20030428
US 6031072	A	20000229	US 1997-893534	19970711
US 6326352	B1	20011204	US 2000-507102	20000217
US 2002168761	A1	20021114	US 2001-769145	20010124
US 2002151475	A1	20021017	US 2001-6982	20011204
US 6914044	B2	20050705		
PRIORITY APPLN. INFO.:			US 1996-21612P	19960712
			US 1997-893534	19970711
			US 2000-491078	20000124
			US 2000-507102	20000217
			US 2001-769145	20010124
			US 2001-6982	20011204

REFERENCE 5

ACCESSION NUMBER: 139:270241 CA
TITLE: Inhibition of monoamine oxidase B by selective adenosine A2A receptor antagonists
AUTHOR(S): Petzer, Jacobus P.; Steyn, Salome; Castagnoli, Kay P.; Chen, Jiang-Fan; Schwarzschild, Michael A.; Van der Schyf, Cornelis J.; Castagnoli, Neal
CORPORATE SOURCE: Department of Chemistry, Virginia Tech, Blacksburg, VA, 24061-0212, USA
SOURCE: Bioorganic & Medicinal Chemistry (2003), 11(7), 1299-1310
CODEN: BMECEP; ISSN: 0968-0896
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 49 THERE ARE 49 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 6

ACCESSION NUMBER: 137:363033 CA
TITLE: Peptidomimetic modulators of cell adhesion
INVENTOR(S): Gour, Barbara J.; Blaschuk, Orest W.; Ali, Anmar; Ni, Feng; Chen, Zhigang; Michaud, Stephanie D.; Wang, Shoameng; Hu, Zenjian
PATENT ASSIGNEE(S): Can.
SOURCE: U.S. Pat. Appl. Publ., 309 pp., Cont.-in-part of U.S. Ser. No. 491,078.
CODEN: USXXCO
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 15
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002168761	A1	20021114	US 2001-769145	20010124
US 2004058864	A1	20040325	US 2003-412701	20030410
US 2004006011	A1	20040108	US 2003-425557	20030428
PRIORITY APPLN. INFO.:			US 2000-491078	20000124
			US 1996-21612P	19960712

US 1997-893534 19970711
US 2000-507102 20000217
US 2001-769145 20010124
US 2001-6982 20011204

REFERENCE 7

ACCESSION NUMBER: 135:147398 CA
TITLE: Peptidomimetic modulators of cell adhesion
INVENTOR(S): Gour, Barbara J.; Blaschuk, Orest W.; Ali, Anmar; Ni, Feng; Chen, Zhigang; Michaud, Stephanie Denise; Wang, Shoameng; Hu, Zengjian
PATENT ASSIGNEE(S): Adherex Technologies, Inc., Can.
SOURCE: PCT Int. Appl., 416 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 15
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001053331	A2	20010726	WO 2001-US2508	20010124
WO 2001053331	A3	20020711		
WO 2001053331	C2	20021031		

W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

PRIORITY APPLN. INFO.: US 2000-491078 20000124

REFERENCE 8

ACCESSION NUMBER: 120:118098 CA
TITLE: Molar heat capacities of some derivatives of uracil and theophylline
AUTHOR(S): Gondova, T.; Gonda, J.; Kralik, P.
CORPORATE SOURCE: Department of Physical and Analytical Chemistry, Faculty of Sciences, P.J. Safarik University, Moyzesova 11, Kosice, 04167, Czech.
SOURCE: Thermochimica Acta (1993), 225(1), 37-41
CODEN: THACAS; ISSN: 0040-6031
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 9

ACCESSION NUMBER: 112:166363 CA
TITLE: Determination of some thermodynamic characteristics of melting of 8-alkyltheophyllines by the DSC method
AUTHOR(S): Gondova, T.; Kralik, P.; Gonda, J.
CORPORATE SOURCE: Fac. Sci., P. J. Safarik Univ., Kosice, CS-041 67, Czech.
SOURCE: Thermochimica Acta (1989), 156(1), 147-55

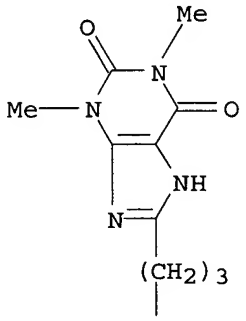
CODEN: THACAS; ISSN: 0040-6031
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 10

ACCESSION NUMBER: 49:16010 CA
TITLE: Theophylline derivatives. II. 8-Aralkyltheophyllines and related compds.
AUTHOR(S): Hager, Geo. P.; Krantz, John C., Jr.; Harmon, John B.; Burgison, Raymond M.
CORPORATE SOURCE: Univ. of Maryland, Baltimore
SOURCE: Journal of the American Pharmaceutical Association (1912-1977) (1954), 43, 152-5
CODEN: JPHAA3; ISSN: 0003-0465
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L20 ANSWER 153 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 115469-01-7 REGISTRY
ED Entered STN: 30 Jul 1988
CN Ferrocene, [3-(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)propyl]- (9CI) (CA INDEX NAME)
MF C20 H22 Fe N4 O2
CI CCS
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER

PAGE 1-A



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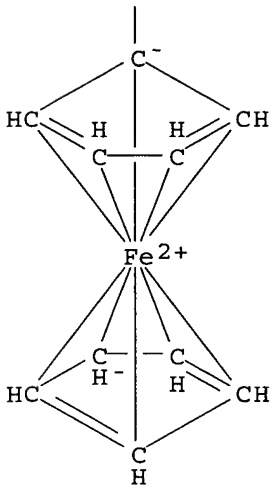


3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 140:159975 CA
TITLE: Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay
AUTHOR(S): Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE: MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE: Bioconjugate Chemistry (2004), 15(1), 137-144
CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

ACCESSION NUMBER: 109:226148 CA
TITLE: The development of redox-modified electrodes as charge-accumulating devices for use in higher sensitivity detection systems
AUTHOR(S): Chambers, Jill A.; Walton, Nicholas J.
CORPORATE SOURCE: Inorg. Chem. Lab., Univ. Oxford, Oxford, OX1 3QR, UK
SOURCE: Journal of Electroanalytical Chemistry and Interfacial Electrochemistry (1988), 250(2), 417-25
CODEN: JEIEBC; ISSN: 0022-0728
DOCUMENT TYPE: Journal
LANGUAGE: English

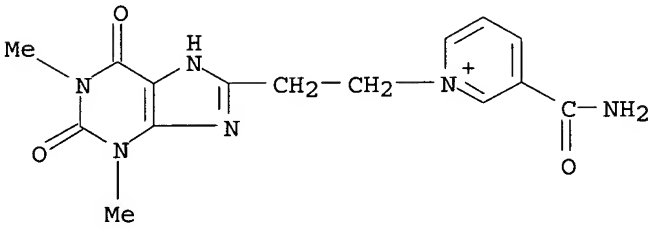
REFERENCE 3

ACCESSION NUMBER: 109:51298 CA
TITLE: An electrochemical assay using an electron-

transferring mediator compound for the determination of an analyte in a sample
INVENTOR(S): Walton, Nicholas John; Chambers, Gill Alison
PATENT ASSIGNEE(S): Genetics International, Inc., USA
SOURCE: Eur. Pat. Appl., 10 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 241309	A2	19871014	EP 1987-303166	19870410
EP 241309	A3	19900509		
R: CH, DE, FR, GB, IT, LI				
JP 62294958	A2	19871222	JP 1987-87208	19870410
PRIORITY APPLN. INFO.:			GB 1986-8700	19860410

L20 ANSWER 154 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 111382-89-9 REGISTRY
ED Entered STN: 21 Nov 1987
CN 3-Carbamoyl-1-[2-(1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxopurin-8-yl)ethyl]pyridinium chloride (6CI) (CA INDEX NAME)
MF C15 H17 N6 O3 . Cl
SR CAOLD
LC STN Files: CA, CAOLD, CAPLUS, TOXCENTER
CRN (805970-77-8)



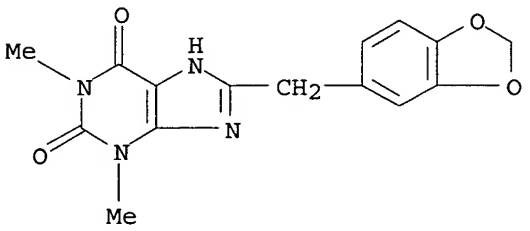
● Cl⁻

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

ACCESSION NUMBER: 52:84045 CA
TITLE: New aminoalkyl derivatives of theophylline
AUTHOR(S): Daweke, H.; Oberdorf, A.
CORPORATE SOURCE: Mediz. Akad. Dusseldorf, Germany
SOURCE: Arzneimittel-Forschung (1958), 8, 190-6
CODEN: ARZNAD; ISSN: 0004-4172
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L20 ANSWER 155 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 109436-68-2 REGISTRY
ED Entered STN: 25 Jul 1987
CN Theophylline, 8-piperonyl- (6CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 74360
FS 3D CONCORD
MF C15 H14 N4 O4
SR CAOLD
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

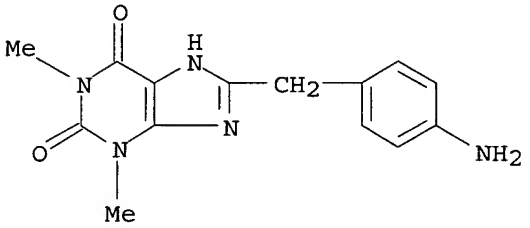
ACCESSION NUMBER: 52:113865 CA
TITLE: 8-Substituted theophyllines
INVENTOR(S): Burgison, Raymond M., Jr.; Hager, Geo. P.; Burgison, R. M.; Hager, G. P.
PATENT ASSIGNEE(S): Krantz, John C.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2840559		19580624	US	

REFERENCE 2

ACCESSION NUMBER: 50:69464 CA
TITLE: Aryl ketones and thio morpholides in the synthesis of 8-substituted xanthines
AUTHOR(S): Hager, Geo. P.; Kramer, Stanley P.
CORPORATE SOURCE: Univ. of Maryland, Baltimore
SOURCE: Journal of the American Pharmaceutical Association (1912-1977) (1955), 44, 649-53
CODEN: JPHAA3; ISSN: 0003-0465
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L20 ANSWER 156 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 108902-66-5 REGISTRY
ED Entered STN: 28 Jun 1987
CN Theophylline, 8-(p-aminobenzyl)-, hydrochloride (6CI) (CA INDEX NAME)
MF C14 H15 N5 O2 . Cl H
SR CAOLD
LC STN Files: CA, CAOLD, CAPLUS
CRN (6937-57-1)



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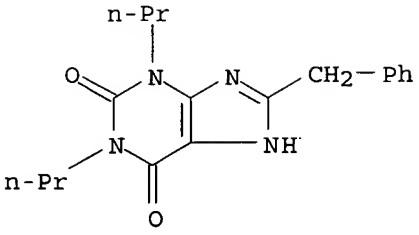
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

ACCESSION NUMBER: 52:113865 CA
TITLE: 8-Substituted theophyllines
INVENTOR(S): Burgison, Raymond M., Jr.; Hager, Geo. P.; Burgison, R. M.; Hager, G. P.
PATENT ASSIGNEE(S): Krantz, John C.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2840559		19580624	US	

L20 ANSWER 157 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 108670-88-8 REGISTRY
ED Entered STN: 13 Jun 1987
CN 1H-Purine-2,6-dione, 3,7-dihydro-8-(phenylmethyl)-1,3-dipropyl- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C18 H22 N4 O2
SR CA
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 116:98892 CA
TITLE: A steric and electrostatic comparison of three models for the agonist/antagonist binding site on the adenosine A1 receptor
AUTHOR(S): Van der Wenden, Eleonora M.; IJzerman, Adriaan P.; Soudijn, Willem
CORPORATE SOURCE: Div. Med. Chem., Cent. Bio-Pharm. Sci., Leiden, 2300 RA, Neth.
SOURCE: Journal of Medicinal Chemistry (1992), 35(4), 629-35
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

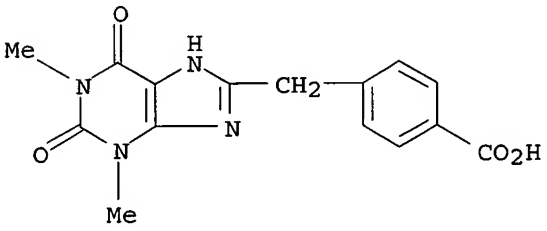
REFERENCE 2

ACCESSION NUMBER: 115:149734 CA
TITLE: Mapping the xanthine C8-region of the adenosine A1 receptor with computer graphics
AUTHOR(S): Van der Wenden, Eleonora M.; Van Galen, Philip J. M.; Ijzerman, Adriann P.; Soudijn, Willem
CORPORATE SOURCE: Div. Med. Chem., Cent. Bio-Pharm. Sci., Leiden, 2300 RA, Neth.
SOURCE: European Journal of Pharmacology, Molecular Pharmacology Section (1991), 206(4), 315-23
CODEN: EJPPET; ISSN: 0922-4106
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 3

ACCESSION NUMBER: 107:259 CA
TITLE: Potent adenosine receptor antagonists that are selective for the A1 receptor subtype
AUTHOR(S): Martinson, Elizabeth A.; Johnson, Roger A.; Wells, Jack N.
CORPORATE SOURCE: Sch. Med., Vanderbilt Univ., Nashville, TN, 37232, USA
SOURCE: Molecular Pharmacology (1987), 31(3), 247-52
CODEN: MOPMA3; ISSN: 0026-895X
DOCUMENT TYPE: Journal
LANGUAGE: English

L20 ANSWER 158 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 101092-80-2 REGISTRY
ED Entered STN: 29 Mar 1986
CN p-Toluic acid, α-(1,2,3,6-tetrahydro-1,3-dimethyl-2,6-dioxopurin-8-yl)- (6CI) (CA INDEX NAME)
FS 3D CONCORD
MF C15 H14 N4 O4
SR CAOLD
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

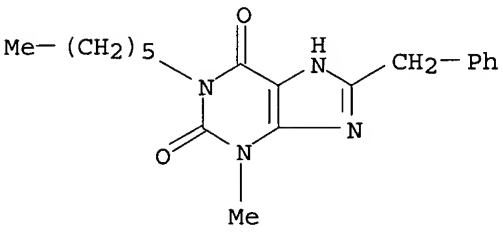
ACCESSION NUMBER: 53:17285 CA
TITLE: Derivatives of N-methylxanthine. II. 8-(p-Carboxyphenyl)theophylline and 8-(p-carboxybenzyl)theophylline
AUTHOR(S): Kompis, I.; Mokry, J.; Tanchyna, J.
CORPORATE SOURCE: Slovenska akad. vied, chem. ustav, Bratislava, Czech.
SOURCE: Chemicke Zvesti (1958), 12, 519-24
CODEN: CHZVAN; ISSN: 0366-6352
DOCUMENT TYPE: Journal
LANGUAGE: German

REFERENCE 2

ACCESSION NUMBER: 53:17284 CA
TITLE: Some products of transformation of diastereoisomeric γ-ethyl-β-(N-carbethoxyamino)caprylic acids
AUTHOR(S): Zvorykina, V. K.; Neiland, O. Ya.
CORPORATE SOURCE: N.D. Zelinskii Inst. Org. Chem., Moscow
SOURCE: Izvestiya Akademii Nauk SSSR, Seriya Khimicheskaya (1958) 1099-103
CODEN: IASKA6; ISSN: 0002-3353
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L20 ANSWER 159 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 99949-89-0 REGISTRY
ED Entered STN: 01 Feb 1986
CN Xanthine, 8-benzyl-1-hexyl-3-methyl- (7CI) (CA INDEX NAME)

FS 3D CONCORD
MF C19 H24 N4 O2
SR CAOLD
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

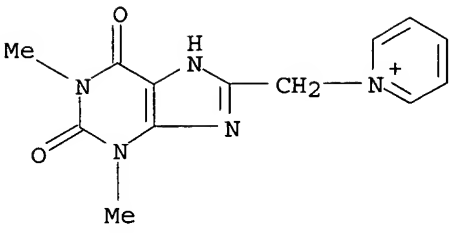
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

ACCESSION NUMBER: 56:73525 CA
TITLE: 8-Substituted-1,3-dialkylxanthines
INVENTOR(S): Schuh, Heinz Georg v.
PATENT ASSIGNEE(S): Chemische Werke Albert
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
DE 1091570		19601027	DE	19581023

L20 ANSWER 160 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 96793-66-7 REGISTRY
ED Entered STN: 15 Jun 1985
CN 1-[(1,2,3,6-Tetrahydro-1,3-dimethyl-2,6-dioxopurin-8-yl)methyl]pyridinium chloride (6CI, 7CI) (CA INDEX NAME)
MF C13 H14 N5 O2 . Cl
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS
(*File contains numerically searchable property data)
CRN (497079-99-9)



● Cl⁻

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)
2 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

ACCESSION NUMBER: 56:73473 CA
TITLE: Syntheses in the purine series. XIII. The preparation of several xanthine-8-aldehydes
AUTHOR(S): Bredereck, Hellmut; Siegel, Edgar; Foehlisch, Baldur
CORPORATE SOURCE: Tech. Hochschule, Stuttgart, Germany
SOURCE: Chemische Berichte (1962), 95, 403-13
CODEN: CHBEAM; ISSN: 0009-2940
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

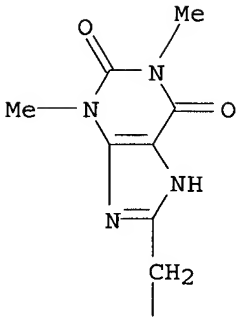
REFERENCE 2

ACCESSION NUMBER: 54:2368 CA
TITLE: Mono and dimethylxanthine derivatives
INVENTOR(S): Kallischnigg, Rolf
PATENT ASSIGNEE(S): Knoll Akt.-Ges. Chemische Fabriken
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2879271		19590324	US	

L20 ANSWER 161 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 95461-78-2 REGISTRY
ED Entered STN: 23 Mar 1985
CN Ferrocene, [(2,3,6,7-tetrahydro-1,3-dimethyl-2,6-dioxo-1H-purin-8-yl)methyl]- (9CI) (CA INDEX NAME)
MF C18 H18 Fe N4 O2
CI CCS
LC STN Files: CA, CAPLUS

PAGE 1-A



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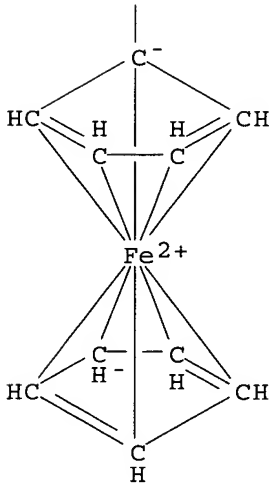


2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 140:159975 CA
TITLE: Synthesis, characterization, and evaluation of ferrocene-theophylline conjugates for use in electrochemical enzyme immunoassay

AUTHOR(S): Forrow, Nigel J.; Foulds, Nicola C.; Frew, Jane E.; Law, John T.
CORPORATE SOURCE: MediSense (UK) Ltd., Abbott Laboratories, Abingdon, Oxon, OX14 1TR, UK
SOURCE: Bioconjugate Chemistry (2004), 15(1), 137-144
CODEN: BCCHES; ISSN: 1043-1802
PUBLISHER: American Chemical Society
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 34 THERE ARE 34 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

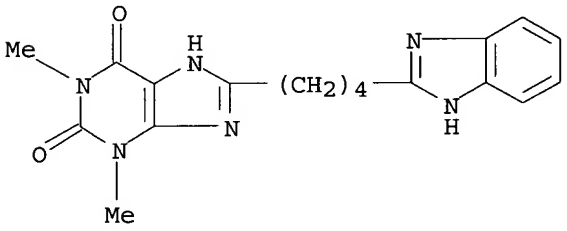
REFERENCE 2

ACCESSION NUMBER: 102:128355 CA
TITLE: Assay techniques utilising specific binding agents
INVENTOR(S): Hill, Hugh Allen Oliver
PATENT ASSIGNEE(S): Genetics International, Inc., USA
SOURCE: Eur. Pat. Appl., 97 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 5
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
EP 125139	A2	19841114	EP 1984-303090	19840508
EP 125139	A3	19870107		
R: BE, CH, DE, FR, GB, IT, LI, NL, SE				
CA 1220818	A1	19870421	CA 1984-453584	19840504
AU 8427753	A1	19841108	AU 1984-27753	19840507
AU 569076	B2	19880121		
AU 8427754	A1	19841108	AU 1984-27754	19840507
AU 580257	B2	19890112		
JP 60017360	A2	19850129	JP 1984-90831	19840507
AU 8427752	A1	19850131	AU 1984-27752	19840507
AU 564495	B2	19870813		
WO 8502627	A1	19850620	WO 1984-GB432	19841214
W: AU, JP, US				
AU 8538329	A1	19850626	AU 1985-38329	19841214
AU 583258	B2	19890427		
EP 149339	A2	19850724	EP 1984-308773	19841214
EP 149339	A3	19850821		
EP 149339	B1	19890823		
R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
JP 61500706	T2	19860417	JP 1985-500369	19841214
AT 45772	E	19890915	AT 1984-308773	19841214
CA 1223639	A1	19870630	CA 1984-470321	19841217
US 4840893	A	19890620	US 1985-769629	19851015
JP 09325127	A2	19971216	JP 1997-36786	19970220
JP 3026430	B2	20000327		
JP 2000055865	A2	20000225	JP 1999-238347	19990825
JP 3103813	B2	20001030		
PRIORITY APPLN. INFO.:			GB 1983-12259	19830505
			GB 1983-12263	19830505
			GB 1983-12265	19830505
			GB 1983-25316	19830921
			GB 1983-33650	19831216

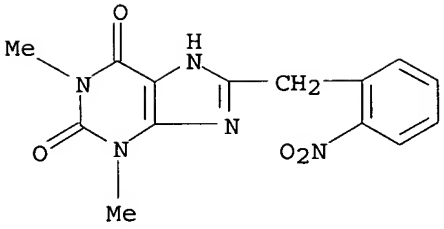
GB 1983-33651	19831216
GB 1984-1399	19840119
GB 1984-5262	19840229
GB 1984-5263	19840229
GB 1983-12261	19830505
GB 1983-12262	19830505
GB 1983-23799	19830906
GB 1983-33644	19831216
GB 1984-650	19840111
JP 1984-90832	19840507
JP 1997-36786	19840507
EP 1984-308773	19841214
WO 1984-GB432	19841214

L20 ANSWER 162 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 74039-64-8 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1H-Purine-2,6-dione, 8-[4-(1H-benzimidazol-2-yl)butyl]-3,7-dihydro-1,3-dimethyl- (9CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 81509
FS 3D CONCORD
MF C18 H20 N6 O2
LC STN Files: RTECS*
(*File contains numerically searchable property data)



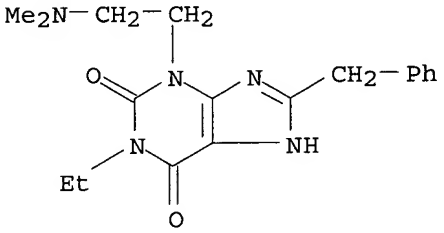
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L20 ANSWER 163 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 73908-81-3 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-[(2-nitrophenyl)methyl]- (9CI) (CA INDEX NAME)
FS 3D CONCORD
MF C14 H13 N5 O4
LC STN Files: RTECS*
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L20 ANSWER 164 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 31542-58-2 REGISTRY
ED Entered STN: 16 Nov 1984
CN Xanthine, 8-benzyl-3-[2-(dimethylamino)ethyl]-1-ethyl- (8CI) (CA INDEX NAME)
OTHER NAMES:
CN NSC 71753
FS 3D CONCORD
MF C18 H23 N5 O2
LC STN Files: CA, CAPLUS



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

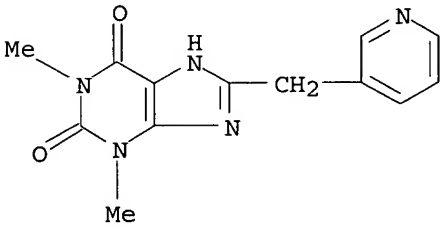
1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER:	74:40820 CA
TITLE:	Effects of xanthine derivatives on lipolysis and on adenosine 3',5'-monophosphate phosphodiesterase activity
AUTHOR(S):	Beavo, Joseph A.; Rogers, Nancy L.; Crofford, Oscar B.; Hardman, Joel G.; Sutherland, Earl W.; Newman, Elliot V.
CORPORATE SOURCE:	Sch. Med., Vanderbilt Univ., Nashville, TN, USA
SOURCE:	Molecular Pharmacology (1970), 6(6), 597-603 CODEN: MOPMA3; ISSN: 0026-895X
DOCUMENT TYPE:	Journal
LANGUAGE:	English

L20 ANSWER 165 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 28345-99-5 REGISTRY

ED Entered STN: 16 Nov 1984
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(3-pyridinylmethyl)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Theophylline, 8-(3-pyridylmethyl)- (8CI)
OTHER NAMES:
CN 8-(3'-Pyridylmethyl)theophylline
CN 8-(3-Pyridylmethyl)theophylline
FS 3D CONCORD
MF C13 H13 N5 O2
LC STN Files: BEILSTEIN*, CA, CAPLUS, RTECS*
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 74:141706 CA
TITLE: 8-(3-Pyridylmethyl)theophylline derivatives
AUTHOR(S): Lespagnol, Albert; Debaert, Michel; Minard-Vaillant, Nicole
CORPORATE SOURCE: Lab. Pharm. Chim., U.E.R. Pharm., Lille, Fr.
SOURCE: Chimica Therapeutica (1970), 5(5), 321-6
CODEN: CHTPBA; ISSN: 0009-4374
DOCUMENT TYPE: Journal
LANGUAGE: French

REFERENCE 2

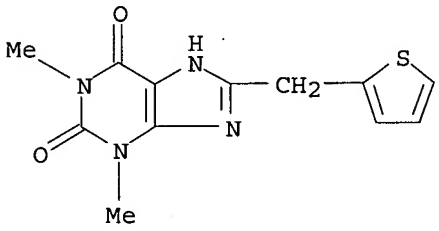
ACCESSION NUMBER: 74:21695 CA
TITLE: Pharmacodynamic study of derivatives of γ-(3-pyridylmethyl)theophylline
AUTHOR(S): Debaert, Michel; Laude, F.; Minard-Vaillant, Mrs.; Robelet, Alfred
CORPORATE SOURCE: Lab. Physiol. Appl. Pharmacol., Fac. Med., Lille, Fr.
SOURCE: Therapie (1970), 25(4), 683-706
CODEN: THERAP; ISSN: 0040-5957
DOCUMENT TYPE: Journal
LANGUAGE: French

REFERENCE 3

ACCESSION NUMBER: 74:19728 CA
TITLE: Determination of the inhibitory activity of some

substituted theophyllines on the phosphodiesterase specific for the adenosine 3',5'-monophosphate
AUTHOR(S): Lespagnol, Albert; Debaert, Michel; Mizon, Jacques; Mizon-Capron, Charlotte
CORPORATE SOURCE: Lab. Pharm. Chim. Chim. Biol., U.E.R. Pharm., Lille, Fr.
SOURCE: Therapie (1970), 25(4), 707-13
CODEN: THERAP; ISSN: 0040-5957
DOCUMENT TYPE: Journal
LANGUAGE: French

L20 ANSWER 166 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 7145-52-0 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(2-thienylmethyl)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Theophylline, 8-(2-thenyl)- (8CI)
OTHER NAMES:
CN NSC 74355
FS 3D CONCORD
MF C12 H12 N4 O2 S
LC STN Files: BEILSTEIN*, CA, CAPLUS, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

ACCESSION NUMBER: 126:305588 CA
TITLE: Preparation of 4-(dioxopurinylmethyl)phenylacetates and analogs as hypolipemics
INVENTOR(S): Connell, Richard; Goldmann, Siegfried; Mueller, Ulrich; Lohmer, Stefan; Bischoff, Hilmar; Denzer, Dirk; Gruetzmann, Rudi; Wohlfeil, Stefan
PATENT ASSIGNEE(S): Bayer A.-G., Germany
SOURCE: Eur. Pat. Appl., 69 pp.
CODEN: EPXXDW
DOCUMENT TYPE: Patent
LANGUAGE: German
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

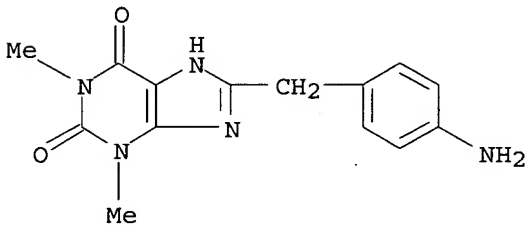
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

EP 764647	A1	19970326	EP 1996-114577	19960912
R: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LI, LU, MC, NL, PT, SE				
DE 19535504	A1	19970327	DE 1995-19535504	19950925
US 5714494	A	19980203	US 1996-710503	19960918
JP 09216884	A2	19970819	JP 1996-267691	19960919
CA 2186086	AA	19970326	CA 1996-2186086	19960920
PRIORITY APPLN. INFO.:			DE 1995-19535504	19950925

REFERENCE 2

ACCESSION NUMBER: 49:16011 CA
TITLE: Theophylline derivatives. III. 8-(9-Fluorenyl)theophylline and related compounds
AUTHOR(S): Hager, Geo. P.; Ichniowski, Casimir T.; Wisek, Bernard
CORPORATE SOURCE: Univ. of Maryland, Baltimore
SOURCE: Journal of the American Pharmaceutical Association (1912-1977) (1954), 43, 156-8
CODEN: JPHAA3; ISSN: 0003-0465
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L20 ANSWER 167 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 6937-57-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1H-Purine-2,6-dione, 8-[(4-aminophenyl)methyl]-3,7-dihydro-1,3-dimethyl- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Theophylline, 8-(p-aminobenzyl)- (6CI)
OTHER NAMES:
CN NSC 14388
FS 3D CONCORD
MF C14 H15 N5 O2
CI COM
LC STN Files: BEILSTEIN*, CA, CAOLD, CAPLUS, USPATFULL
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

4 REFERENCES IN FILE CA (1907 TO DATE)
4 REFERENCES IN FILE CAPLUS (1907 TO DATE)
1 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

ACCESSION NUMBER: 141:225208 CA

TITLE: Preparation of sulfonamide substituted xanthine derivatives as PEPCK inhibitors
INVENTOR(S): Foley, Louise Helen; Huby, Nicholas John Silvester; Pietranico-Cole, Sherrie Lynn; Yun, Weiya; Dunten, Pete William
PATENT ASSIGNEE(S): F. Hoffmann-La Roche A.-G., Switz.
SOURCE: PCT Int. Appl., 124 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004074288	A1	20040902	WO 2004-EP1289	20040212
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI				
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
US 2004192708	A1	20040930	US 2004-776697	20040211
CA 2514472	AA	20040902	CA 2004-2514472	20040212
EP 1599477	A1	20051130	EP 2004-710346	20040212
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK				

PRIORITY APPLN. INFO.: US 2003-448562P 20030219
US 2003-448652P 20030219
US 2004-536561P 20040115
WO 2004-EP1289 20040212
REFERENCE COUNT: 2 THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

ACCESSION NUMBER: 52:113865 CA
TITLE: 8-Substituted theophyllines
INVENTOR(S): Burgison, Raymond M., Jr.; Hager, Geo. P.; Burgison, R. M.; Hager, G. P.
PATENT ASSIGNEE(S): Krantz, John C.
DOCUMENT TYPE: Patent
LANGUAGE: Unavailable
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2840559		19580624	US	

REFERENCE 3

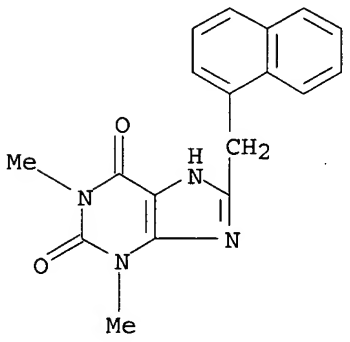
ACCESSION NUMBER: 50:69464 CA
TITLE: Aryl ketones and thio morpholides in the synthesis of 8-substituted xanthines
AUTHOR(S): Hager, Geo. P.; Kramer, Stanley P.
CORPORATE SOURCE: Univ. of Maryland, Baltimore

SOURCE: Journal of the American Pharmaceutical Association (1912-1977) (1955), 44, 649-53
CODEN: JPHAA3; ISSN: 0003-0465
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

REFERENCE 4

ACCESSION NUMBER: 49:16010 CA
TITLE: Theophylline derivatives. II. 8-Aralkyltheophyllines and related compds.
AUTHOR(S): Hager, Geo. P.; Krantz, John C., Jr.; Harmon, John B.; Burgison, Raymond M.
CORPORATE SOURCE: Univ. of Maryland, Baltimore
SOURCE: Journal of the American Pharmaceutical Association (1912-1977) (1954), 43, 152-5
CODEN: JPHAA3; ISSN: 0003-0465
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L20 ANSWER 168 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 5429-48-1 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(1-naphthalenylmethyl)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Theophylline, 8-(1-naphthylmethyl)- (5CI)
OTHER NAMES:
CN NSC 14147
FS 3D CONCORD
MF C18 H16 N4 O2
LC STN Files: BEILSTEIN*, CA, CAPLUS
(*File contains numerically searchable property data)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1

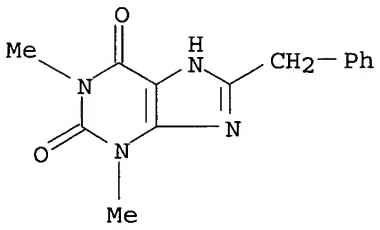
ACCESSION NUMBER: 50:74075 CA
TITLE: The preparation of some structure hybrids of

N-methylated xanthine and 2-substituted imidazoles
AUTHOR(S): Kostolansky, A.; Mokry, J.; Tamchyna, J.
CORPORATE SOURCE: Sloven. Akad. Vied., Bratislava, Czech.
SOURCE: Chemicke Zvesti (1956), 10, 96-109
CODEN: CHZVAN; ISSN: 0366-6352
DOCUMENT TYPE: Journal
LANGUAGE: German

REFERENCE 2

ACCESSION NUMBER: 49:16010 CA
TITLE: Theophylline derivatives. II. 8-Aralkyltheophyllines and related compds.
AUTHOR(S): Hager, Geo. P.; Krantz, John C., Jr.; Harmon, John B.; Burgison, Raymond M.
CORPORATE SOURCE: Univ. of Maryland, Baltimore
SOURCE: Journal of the American Pharmaceutical Association (1912-1977) (1954), 43, 152-5
CODEN: JPHAA3; ISSN: 0003-0465
DOCUMENT TYPE: Journal
LANGUAGE: Unavailable

L20 ANSWER 169 OF 169 REGISTRY COPYRIGHT 2005 ACS on STN
RN 2879-15-4 REGISTRY
ED Entered STN: 16 Nov 1984
CN 1H-Purine-2,6-dione, 3,7-dihydro-1,3-dimethyl-8-(phenylmethyl)- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Theophylline, 8-benzyl- (7CI, 8CI)
OTHER NAMES:
CN 8-Benzyltheophylline
CN NSC 14131
FS 3D CONCORD
MF C14 H14 N4 O2
LC STN Files: BEILSTEIN*, BIOSIS, CA, CAOLD, CAPLUS, CASREACT, CHEMCATS, CHEMLIST, CSCHEM, IPA, PS, RTECS*, TOXCENTER, USPATFULL
(*File contains numerically searchable property data)
Other Sources: EINECS**
(**Enter CHEMLIST File for up-to-date regulatory information)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

36 REFERENCES IN FILE CA (1907 TO DATE)
36 REFERENCES IN FILE CAPLUS (1907 TO DATE)
5 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

REFERENCE 1

ACCESSION NUMBER: 142:101178 CA
TITLE: Determination of the lipophilicity of xanthines by reversed-phase liquid chromatography
AUTHOR(S): Gondova, Tatana; Vincova, Milena; Florian, Karol
CORPORATE SOURCE: Faculty of Sciences, Department Physical and Analytical Chemistry, P.J. Safarik University, Kosice, 040 01, Slovakia
SOURCE: Journal of Planar Chromatography--Modern TLC (2004), 17(2), 156-158
CODEN: JPCTE5; ISSN: 0933-4173
PUBLISHER: Research Institute for Medicinal Plants
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 14 THERE ARE 14 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 2

ACCESSION NUMBER: 141:225195 CA
TITLE: Determination of the lipophilicity of some purines by reversed-phase liquid chromatography
AUTHOR(S): Gondova, Tat'ana; Durd'akova, Dasa
CORPORATE SOURCE: Faculty of Sciences, Department of Physical and Analytical Chemistry, P. J. Safarik University, Kosice, SK-040 01, Slovakia
SOURCE: Transactions of the Universities of Kosice (2003), (3), 62-64
CODEN: TUKRAA
PUBLISHER: Technical University of Kosice
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT ...

REFERENCE 3

ACCESSION NUMBER: 135:251414 CA
TITLE: Structural predictions of adenosine 2B antagonist affinity using molecular field analysis
AUTHOR(S): Song, Yuqing; Coupar, Ian M.; Iskander, Magdy N.
CORPORATE SOURCE: Department of Medicinal Chemistry, Victorian College of Pharmacy, Monash University, Parkville, 3052, Australia
SOURCE: Quantitative Structure-Activity Relationships (2001), 20(1), 23-30
CODEN: QSARDI; ISSN: 0931-8771
PUBLISHER: Wiley-VCH Verlag GmbH
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 27 THERE ARE 27 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

REFERENCE 4

ACCESSION NUMBER: 124:288523 CA
TITLE: Kinetic studies of the reactions of 2-diethylaminoethyl chloride with nucleophilic reagents in N,N-dimethylformamide

AUTHOR(S): Yang, H.; Thyrion, F. C.
CORPORATE SOURCE: Chemical Engineering Institute, Louvain University, Louvain-la-Neuve, B-1348, Belg.
SOURCE: Bulletin des Societes Chimiques Belges (1996), 105(1), 23-31
CODEN: BSCBAG; ISSN: 0037-9646
PUBLISHER: Societe Chimique Belges
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 5

ACCESSION NUMBER: 121:230560 CA
TITLE: 8-Substituted 7-(oxoalkyl)theophyllines
AUTHOR(S): Rybar, A.; Turcani, P.; Alfoldi, J.
CORPORATE SOURCE: Institute of Chemistry, Slovak Academy of Sciences, Bratislava, SK-842 38, Slovakia
SOURCE: Chemical Papers (1994), 48(1), 47-50
CODEN: CHPAEG; ISSN: 0366-6352
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 6

ACCESSION NUMBER: 121:179412 CA
TITLE: Method for converting a xanthine ring or derivatives thereof into dialkylamino-xanthine derivatives
INVENTOR(S): Thyrion, Fernand; Yang, Hong; Parmantier, Michel
PATENT ASSIGNEE(S): S.A. Nycomed Christiaens N.V., Belg.
SOURCE: PCT Int. Appl., 19 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: French
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9417064	A1	19940804	WO 1994-BE6	19940119
W: US				
RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
BE 1006613	A3	19941103	BE 1993-59	19930121
EP 680479	A1	19951108	EP 1994-903710	19940119
EP 680479	B1	19990317		
R: AT, CH, DE, FR, GB, IT, LI, LU				
AT 177745	E	19990415	AT 1994-903710	19940119
US 5739331	A	19980414	US 1995-492046	19950929
PRIORITY APPLN. INFO.:			BE 1993-59	19930121
			WO 1994-BE6	19940119

REFERENCE 7

ACCESSION NUMBER: 120:118098 CA
TITLE: Molar heat capacities of some derivatives of uracil and theophylline
AUTHOR(S): Gondova, T.; Gonda, J.; Kralik, P.
CORPORATE SOURCE: Department of Physical and Analytical Chemistry, Faculty of Sciences, P.J. Safarik University, Moyzesova 11, Kosice, 04167, Czech.

SOURCE: Thermochimica Acta (1993), 225(1), 37-41
CODEN: THACAS; ISSN: 0040-6031
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 8

ACCESSION NUMBER: 114:150301 CA
TITLE: Determination of bamifylline hydrochloride impurities in bulk material and pharmaceutical forms using liquid chromatography with ultraviolet detection
AUTHOR(S): Carlucci, G.; Colanzi, A.; Mazzeo, P.
CORPORATE SOURCE: Dip. Chim. Ing. Chim. Mater., Univ. Aquila, L'Aquila, 67100, Italy
SOURCE: Journal of Pharmaceutical and Biomedical Analysis (1990), 8(8-12), 1067-9
CODEN: JPBADA; ISSN: 0731-7085
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 9

ACCESSION NUMBER: 114:6142 CA
TITLE: A novel synthesis of xanthines: support for a new binding mode for xanthines with respect to adenosine at adenosine receptors
AUTHOR(S): Peet, Norton P.; Lentz, Nelsen L.; Meng, Elaine C.; Dudley, Mark W.; Ogden, Ann Marie L.; Demeter, David A.; Weintraub, Herschel J. R.; Bey, Philippe
CORPORATE SOURCE: Merrell Dow Res. Inst., Cincinnati, OH, 45215, USA
SOURCE: Journal of Medicinal Chemistry (1990), 33(12), 3127-30
CODEN: JMCMAR; ISSN: 0022-2623
DOCUMENT TYPE: Journal
LANGUAGE: English

REFERENCE 10

ACCESSION NUMBER: 112:166363 CA
TITLE: Determination of some thermodynamic characteristics of melting of 8-alkyltheophyllines by the DSC method
AUTHOR(S): Gondova, T.; Kralik, P.; Gonda, J.
CORPORATE SOURCE: Fac. Sci., P. J. Safarik Univ., Kosice, CS-041 67, Czech.
SOURCE: Thermochimica Acta (1989), 156(1), 147-55
CODEN: THACAS; ISSN: 0040-6031
DOCUMENT TYPE: Journal
LANGUAGE: English